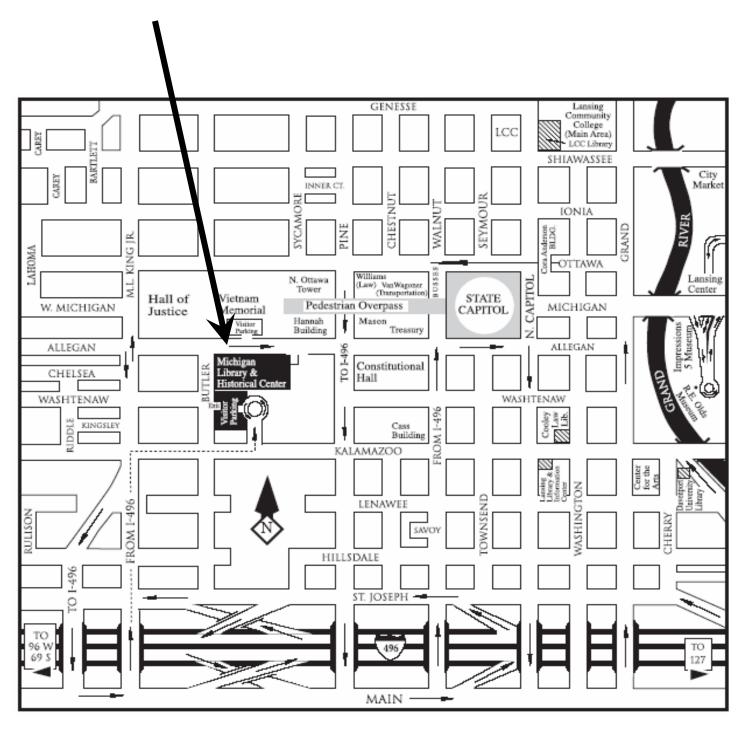
## STATE OF MICHIGAN



## DECEMBER 6, 2005 OIL AND GAS LEASE AUCTION

DEPARTMENT OF NATURAL RESOURCES Forest, Mineral and Fire Management

# THE STATE OF MICHIGAN OIL AND GAS LEASE AUCTION WILL BE HELD AT THE MICHIGAN LIBRARY AND HISTORICAL CENTER 702 WEST KALAMAZOO, LANSING, MICHIGAN



#### **OIL AND GAS LEASE AUCTION GUIDELINES**

A State of Michigan Oil and Gas Lease Auction, offering the herein-described parcels is scheduled for **Tuesday, December 6, 2005** at the Michigan Library and Historical Center located at 702 West Kalamazoo Street, Lansing, Michigan.

#### TO ALL PROSPECTIVE BIDDERS:

Additions or deletions in this auction catalog may occur as a result of public noticing, Natural Resources Commission (NRC) action, or title conflicts. Any and all terms and conditions of offering are subject to change due to Public Noticing of the parcels or to action taken by the Director of the Department of Natural Resources (DNR) or the NRC.

REGISTRATION OF BIDDERS will be held from 8:00 a.m. until 9:00 a.m.

<u>OFFERING OF LEASE RIGHTS</u> will **begin at 9:00 a.m.** and will continue until all descriptions have been offered.

The State's equity in the parcel being offered is indicated by a "Sur" (State's percentage of surface equity) or an "Min" (State's percentage of mineral equity).

The starting minimum bid for each auction unit is **\$13.00 per acre**, or fraction thereof, and is based on the "Bid Acres" specified. Additionally, at the auction's end, and at the option of the DNR, parcels not bid-in at \$13.00 per acre may be re-offered at a minimum bid of \$5.00 per acre.

There is no limit on the number of auction units that may be bid on by any party. The DNR reserves the right to reject any and all bids.

Each auction unit will constitute a separate lease. All bids, and issuance of leases, are subject to approval by the DNR and the State Administrative Board.

**TAX-REVERTED PARCELS**: Parcels that are preceded with an asterisk (\*) will require an acceptable Attorney Title Opinion stating that there was no severances of mineral rights prior to tax reversion or that minerals were otherwise conveyed to the State subsequent to tax reversion. If an acceptable Attorney's Title Opinion is not provided by June 7, 2006, a lease will not be issued and the Department of Natural Resources will refund the bonus and rental paid. If the Title Opinion reveals previously severed minerals on a portion of the lease, the lessee at their option may select a refund of the bonus and prepaid rental for the entire lease, and no lease will be issued, OR a lease will be issued for the parcels which have good title, and a refund will be given on a percentage basis for the bonus, and rental on the tax-reverted parcels which contain mineral rights severed prior to tax reversion.

**QUALIFIED BIDDERS**: Parties interested in bidding, or their authorized representative, must be present at the auction. Bids may be submitted by individuals of legal age, a partnership, corporation or other entity qualified to do business in the State of Michigan. All prospective bidders will be required to submit proof as follows:

<u>Corporations or Partnerships</u>: Copy of "Certificate of Good Standing" or "Certificate of Limited Partnership," which may be obtained from the Michigan Department of Labor and Economic Growth, Corporation Division, P.O. Box 30054, Lansing, Michigan 48909-7554 (517-241-6470) or <a href="https://www.michigan.gov/cis/">www.michigan.gov/cis/</a>

<u>Persons Doing Business Under An Assumed Name</u>: Copy of "Certificate of Persons Conducting Business Under Assumed Name," which may be obtained from the clerk of the county in which registered. "Person" may be one or more individuals, corporations, trusts, fiduciaries, or other entity.

<u>Individuals</u>: Proof of attainment of legal age--birth certificate or valid driver's license.

#### **DEVELOPMENT LEASES**

The lease is not in itself an authorization to drill. Issuance of drilling permits for specific locations is subject to separate application and approval by the Supervisor of Wells, Michigan Department of Environmental Quality, pursuant to Part 615 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

IN LEASES ON LANDS IN WHICH THE STATE OWNS MINERAL RIGHTS ONLY - SURFACE RIGHTS PRIVATELY OWNED, THE FOLLOWING PROVISIONS WILL APPLY:

- The Lessee shall pay or agree upon payment to the surface owner, or any person holding under the owner, for all damages or losses (including any loss of the use of all or part of the surface), caused directly or indirectly by operations hereunder, whether to growing crops or buildings, to any person or property, or to other operations.
- 2. Before a drilling permit application is submitted to the Supervisor of Wells relating to land in which the State of Michigan owns mineral rights only, and as described in this Lease, proof shall be submitted to the Lessor, in writing, that notification to enter the land has been provided to the surface owner and that either voluntary agreement or stipulated settlement relative to surface use and damages has been reached between the Lessee, or the Lessee's authorized agent, and the surface owner or number 3 (below) is invoked.
- 3. When a mutually satisfactory agreement relative to surface use and damages cannot be reached, either party can inform the Lessor, in writing, that a dispute exists and the Lessor will grant a negotiation period of thirty (30) calendar days in which no drilling or development operations may be conducted by the Lessee. This time period is to allow for the resolution of the dispute. If, at the end of this period, proof of the agreement is not submitted in writing to the Lessor, drilling and development operations will not be prohibited by the Lessor and resolution of the dispute rests solely with the Lessee and the surface owner independent of the Lessor. It is the sole responsibility of the Lessee to ensure that said thirty (30) day negotiation period is completed thirty (30) days prior to the expiration of the primary term or any extensions of this Lease.

#### NONDEVELOPMENT LEASES (AUCTION ITEM NUMBER PRECEDED BY "N")

FOR LEASES ISSUED ON PARCELS CLASSIFIED AS NONDEVELOPMENT, THE FOLLOWING PROVISIONS WILL APPLY:

- All other provisions of this Lease notwithstanding, it is understood that no drilling or development
  work shall be conducted on the surface of the land described in this Lease without reclassification
  and/or the specific authorization of the Lessor. Reclassification or such authorization for this Lease
  or any portion of the lands contained herein will be granted at the sole discretion of the Lessor.
- 2. Drilling, if authorized, shall be limited to the number of wells necessary to prevent drainage from said State minerals.
- 3. No operations shall be conducted until written instructions for the proper protection of any and all natural resource interests and/or surface values are issued by the Lessor.

#### OIL AND GAS LEASE BASIC TERMS

Any operations under the lease shall be subject to all applicable federal and state laws and rules now or hereafter in force.

**TERM OF LEASE**: Five years and as long thereafter as oil and/or gas are produced in paying quantities. A State lease form, rules and policy governing the leasing of State lands for oil and gas may be obtained upon request.

**BONUS**: Consideration paid for the lease rights through competitive bidding at public auction. The total bonus bid must be paid on the same day the lease rights are bid-in.

Prospective bidders who do not have an established credit rating with the DNR through prior leasing of State-owned minerals must pay at least 1/2 of the total bonus bid by cash, certified check or money order unless they have established credit by filing with Forest, Mineral and Fire Management three (3) references, one of which must be from a bank or other financial institution. Other references may be in the form of a letter from a credit bureau, firm with whom you have done business, a person, firm or corporation engaged in the oil and gas business, or another financial institution. **NOTE:** In no instance will the DNR accept "sight drafts" even if noted as a "zero day sight draft."

**BOND**: The successful bidders must be prepared to file with Forest, Mineral and Fire Management a blanket oil and gas lease performance bond in accordance with the following bond schedule:

Amount of Bond	Maximum Acres
\$10,000	0-5,000
\$25,000	5,001-10,000
\$50,000	10,001-unlimited

**RENTAL**: Rental of \$2.00 per acre per year beginning the first year of the lease, provided that the minimum annual rental for any lease shall be \$5.00. The first year's rental payment shall be due at the time the acreage is bid-in. In addition, successful bidders will have the option to pay rentals for additional year(s) up to the entire five (5) year initial term. This option may be used for any or all of the leases bid in at this Auction.

**ABATEMENT**: Each producing oil and/or gas well abates rental on the leased premises within the established producing unit.

**ROYALTY**: The production royalty rate is 1/6 unless otherwise indicated. The shut-in royalty rate is based on the lease language.

**RELEASES**: Lessees may surrender a lease or any part thereof at any time providing all prior lease obligations have been fulfilled. Releases must be filed as provided in the lease with the Forest, Mineral and Fire Management (address shown below).

FOREST, MINERAL AND FIRE MANAGEMENT MICHIGAN DEPARTMENT OF NATURAL RESOURCES PO BOX 30452 LANSING MI 48909-7952 517-373-7663

DNR Internet website address: http://www.michigan.gov/dnr

#### Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
1	Development - U.S.F.S. Surface	All other provisions of this lease notwithstanding, it is understood that the land described in this lease shall not be entered for any purpose whatsoever without first contacting the United States Department of Agriculture, (USDA) Forest Service, Huron-Manistee National Forests, Cadillac, Michigan and securing detailed instructions as to cutting any forest growth for the purpose of making roadways or clearing well locations or for any other purpose in order that the surface values may be properly protected and conserved. No drilling operations may be conducted within 200 feet of any road, trail or highway unless otherwise approved by the USDA.
2	Nondevelopment .U.S.F.S. Surface	The surface of this land is under the jurisdiction of the United States Department of Agriculture, Forest Service, Huron-Manistee National Forest, Cadillac, Michigan.
3	History Arts & Libraries Restriction	All other provisions of this lease notwithstanding, it is understood and agreed that no exploration or development work shall be conducted on this land without specific authorization from the State Historic Preservation Officer, Department of History, Arts and Library, Michigan Historical Center. No operations shall be conducted until written instructions for the proper protection of any and all artifacts of historical or archaeological value are issued by the State Archaeologist.
4	Military Affairs Agreement No. L-1479	All other provisions of this lease notwithstanding, it is further understood that no exploration (including but not limited to seismic), drilling or development work shall be conducted on the surface of the land described herein which is under the jurisdiction of the Department of Military Affairs and the State Military Board.
5	Military Affairs Agreement No. L-7084	All other provisions of this lease notwithstanding, it is understood that no exploration, drilling or development work shall be conducted on this land until the lessee first contacts the Department of Military Affairs and State Military Board to coordinate activities.
6	Kirtland's Warbler Habitat Management	As of the date of this lease, this land is considered to be part of a Kirtland's Warbler Habitat Management Area. No drilling, exploration, construction or maintenance activities shall take place within ½ mile of a KWH area from May 1 to October 1.
8	Including Riparian Rights	Including riparian rights adjacent thereto.
9	Development with Restriction - see amendment	attach this stipulation to leases initially classified as nondevelopment but a change of lease classification was granted and any stipulations that apply are included in an amendment to the lease.
10	Time Restriction	All other provisions of this lease notwithstanding, it is understood that from February 1 through August 31 of each year that only exploration and development activities specifically approved in writing by the Lessor's representative(s) will be allowed on this leased acreage.
11	Pigeon River Country State Forest	This parcel is located within the boundaries of the Pigeon River Country State Forest and is subject to a management plan.

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#### Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
15	Limited Surface Disturbance	To limit surface disturbance, any wells to be drilled on the leased premises shall be drilled from a single surface area that is acceptable to and approved by the Lessor, unless the Lessor reasonably determines that production on adjacent land creates the probability of drainage of oil and/or gas from State mineral land. The Lessee shall submit a proposed development plan for the leased premises including a proposed surface area, access routes and pipeline corridors, with due regard to surface features, the relative location of other oil and gas operations in the area, and applicable regulatory requirements. The Lessee may not drill any well on the leased premises without first obtaining a surface use agreement from the Lessor. Approval shall be based on the foregoing criteria, and said approval shall not be unreasonably withheld.
16	Threatened and Endangered Species Habitat	All other provisions of this lease not withstanding, it is understood that no exploration or development work shall be conducted on this parcel without specific authorization from the Natural Heritage Program, Department of Natural Resources, Wildlife Division. No operations shall be conducted until written instructions for the proper protection of any and all special natural features are issued by the Endangered Species Coordinator.
19	Recreational Trails	All other provisions of this lease notwithstanding, it is understood that no well site shall be located closer than 660 feet to any recreational trail without the written consent of the Lessor.
20	Use Existing Well Pad	All other provisions of this lease notwithstanding, it is further understood that existing well pads shall be used for drilling unless otherwise authorized by the Department of Natural Resources' Land Manager.
23	Subject to Existing State Gas Storage Lease	All other provisions of this lease notwithstanding, this parcel is subject to an existing State of Michigan Underground Gas Storage Lease.
24	Jordan River Valley Management Area	Parcel lies within the area known on State of Michigan, Department of Natural Resources records as the Jordan River Valley Management Area.
31	Nonleaseable - State Military Board	This parcel is classified as nonleasable per request by State Military Board on May 1, 1997.
33	Raptor Nesting Area	All other provisions on this lease notwithstanding, it is understood that this parcel was determined to be, at time of leasing, near to a known raptor nesting site. No drilling or development shall take place with 300 feet of known (or possible) protected raptor nests at any time and no activity is allowed within ½ mile during the nesting season, February 1 to August 31. Exploration and development activities must be approved, in writing, by the Lessor's District Wildlife Biologist.
34	Nondevelopment Species Habitat	This parcel is classified as nondevelopment due to the presence of threatened or endangered species at time of leasing.
35	History, Arts and Libraries concern	The Department of History, Arts and Libraries has specific concerns relative to this parcel.

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## Mineral Auction Stipulation Report

Stipulation ID	Stipulation Name	Description
36	Michigan State Police Tower Site Network	The Michigan State Police or its successors or assigns (MSP) may use all or part of the surface of the land described in this Lease to construct, operate & access a radio tower & related facilities as part of a communications system. All other provisions of this Lease notwithstanding, the Lessee is prohibited from conducting any exploration activities, drilling any well, laying any pipeline, or otherwise making any use whatsoever of the surface of the land described in this Lease without obtaining the prior written consent of the Lessor and MSP. The term "surface" is defined to include all that land between the surface of the earth & a depth of 100 feet below the surface of the earth. If the MSP constructs a radio tower & related facilities on the land described in this Lease, the Lessor may, in its sole discretion, consider reclassifying this Lease to "development" provided (A) the Lessee executes & delivers a release of surface rights with respect to that portion of the surface that is used by MSP for its tower & related facilities & (B) MSP consents in writing to such reclassification.
39	Pittman Robertson or Dingell Johnson Funding	Parcel is classified as nondevelopment pursuant to provisions of the funding source used to acquire the land. Federal approval must be obtained before seeking a change in Lease Classification.
49	Best Management Practices	Best Management Practices along wetlands, waterways, or steep slopes.

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## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County T30N R07W								
N-1	Section 20 - All of the former East Jordan and Southern Railroad right-of-way lying in the SE ¼ of the SE ¼, being 100 ft. wide, 50 ft. each side of the centerline of the former track;	20	3.14		'5% 0%				
	Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.								
	Section 20 - All of the former East Jordan and Southern Railroad right-of-way lying in the SW ¼ of the SE ¼, being 100 ft. wide, 50 ft. each side of the centerline of the former track;	20	3.13		'5% 0%				
	Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.								

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County							
	T30N R07W							
N-2	Section 21-The SE ¼ of the SW ¼, EXCEPT commencing at the S ¼ corner of said Section; th. along the South line of said Section N 88° 45' 17" W, 33.00 ft. to the Westerly right-of-way line of Burrel Road and the point of beginning of said exception; th. along said right-of-way line S 01° 01' 39" W, 48.55 ft. to an intermediate shoreline traverse along the North side of the Cedar River; th. along said shoreline traverse on the following fourteen courses; N 73° 33' 14" W, 104.54 ft.; N 82° 10' 31" W, 147.71 ft.; N 43° 56' 32" W, 40.52 ft., N 50° 46' 29" E, 36.38 ft.; N 14° 11' 55" W, 91.18 ft.; N 35° 00' 00" W, 85.89 ft., N 74° 29' 56" W, 44.74 ft., N 86° 25' 35" W, 93.12 ft.; S 41° 23' 13" W, 48.83 ft.; N 77° 24' 47" W, 16.91 ft.; N 22° 51' 01" W, 14.50 ft.; N 08° 41' 21" E, 68.47 ft.; N 28° 44' 48" W, 73.94 ft.; N 54° 15' 40" W, 42.87 ft.; th. leaving said shoreline traverse N 04° 30' 35" W, 17.46 ft.; th. N 85° 29' 25" E, 424.11 ft.; th. parallel with the East line of said Section 21, S 00° 44' 32" W, 67.93 ft. to the South line of the abandoned East Jordan and Southern Railroad right-of-way (100 ft. wide); th. along said railroad right-of-way (100 ft. wide); th. along said railroad right-of-way ine S 00° 44' 32" W, 362.75 ft. to the point of beginning of said exception. The sidelines of said parcel extend to the center thread of the Cedar River and this description includes all land and bottomlands between the above described shoreline traverse and the center thread of the Cedar River and this description includes all land and bottomlands between the above described shoreline traverse and the center thread of the Cedar River and this description includes all land and bottomlands between the above described shoreline traverse and the center thread of the Cedar River with full riparian rights thereon;  Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.	21	19.71	Min 75% Sur 0%				
	Section 21-The SW ¼ of the SW ¼. Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.	21	30.00	Min 75% Sur 0%				
N-3	Section 29 - All of the former East Jordan and Southern Railroad right-of-way lying in the NE ¼ of the NE ¼, being 100 ft. wide, 50 ft. each side of the centerline of the former track  Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.	29	2.27	Min 75% Sur 0%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County T30N R07W							
N-3	(Continued) Section 29 - All of the former East Jordan and Southern Railroad right-of-way lying in the NW ¼ of the NE ¼, being 100 ft. wide, 50 ft. each side of the centerline of the former track; EXCEPT the West 300 ft. thereof. Together with the right of ingress and egress at all times for the purpose of mining, drilling, and exploring said lands for oil, gas and other minerals and removing the same therefrom.	29	1.76	Min 75% Sur 0%				
N-4	*NE1/4 SW1/4	35	40.00	Min 100% Sur 0%				
	*SE1/4 SW1/4	35	40.00	Min 100% Sur 0%				
	Antrim County T30N R08W							
N-5	*SW1/4 NW1/4	18	40.00	Min 100% Sur 0%				
	Antrim County T30N R09W							
N-6	*Lot 1 except parcel commencing at SW corner of Lot, th N'ly along shore of Grand Traverse Bay 10 rods, East 8 rods, South 10 rods to South line of Lot 1, thence West 8 rods to beginning.	10	18.36	Min 100% Sur 0%				
	*South 7 acres of Lot 2	10	7.00	Min 100% Sur 0%				
N-7	*SE1/4 NE1/4	13	40.00	Min 100% Sur 0%				
	*SW1/4 NE1/4	13	40.00	Min 100% Sur 0%				
N-8	*That part of NE1/4 lying SE'ly of Hwy US 31	34	16.00	Min 100% Sur 0%				
N-9	*SW1/4 SE1/4	34	40.00	Min 100% Sur 0%				
	Antrim County T31N R05W							
N-10	NW1/4 SW1/4	2	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	2	40.00	Min 100% Sur 100%				

## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equi	ity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County								
	T31N R08W								
N-11						80			
	*NW1/4 NE1/4	7	40.00		100%				
	*C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_	40.00	Sur	0%				
	*SW1/4 NE1/4	7	40.00	Sur	100% 0%				
	Antrim County			Sui	070				
	T31N R09W								
N-12	13114 10344					82			
<b>N-12</b>	*NW1/4 NE1/4	25	41.80	Min	100%	02			
				Sur	0%				
	*SW1/4 NE1/4	25	40.00	ŀ	100%				
				Sur	0%				
N-13						115			
	*E1/2 SW1/4 SE1/4 SW1/4	25	5.00	Min	100%				
				Sur	0%				
	*N1/2 SE1/4 SW1/4	25	20.00	Min	100%				
				Sur					
	*NE1/4 SW1/4	25	40.00	l	100%				
	*\$\(\Gamma \) \(\Gamma \) \(\Ga	0.5	40.00	Sur	0%				
	*SE1/4 SE1/4 SW1/4	25	10.00	l	100%				
	*SE1/4 SW1/4 SW1/4	25	10.00	Sur	0% 100%				
	6E 17 1 6W 17 1 6W 17 1	23	10.00	Sur	0%				
	*South 40 rods of West 20 rods of SE1/4 of	25	5.00		100%				
	SW1/4.			Sur	0%				
	*W1/2 NE1/4 SW1/4 SW1/4	25	5.00	Min	100%				
	, , , , , , , , , , , , , , , , , , ,	20	0.00	Sur	0%				
	*W1/2 SW1/4 SW1/4	25	20.00	l	100%				
				Sur	0%				
N-14						32			
	*E1/2 SE1/4 SE1/4	26	20.00	Min	100%				
				Sur					
	*S 178 ft of N 1083 ft of W 600 ft of E 640 ft of	26	2.46	l	100%				
	Gov't Lot 3.			Sur	0%				
	*S 178 ft of N 1301 ft of W 600 ft of E 640 ft of	26	2.46	Min	100%				
	Gov't Lot 3.			Sur	0%				
	*S 178 ft of N 211 ft of W 600 ft of E 640 ft of	26	2.08	Min	100%				
	Gov't Lot 3 exc Lots 17,18,19 and 21,Blk. 13, Bay View Beach Sub. No. 1.			Sur	0%				
	*S 178 ft of N 429 ft of W 600 ft of E 640 ft of Gov't Lot 3 exc Lots 6 and 7, Blk 14, Bay View Beach Sub. No. 1	26	2.29	Min Sur	100% 0%				
	*S 178 ft of N 647 ft of W 600 ft of E 640 ft of Gov't Lot 3 exc Lot 4, Blk 15, Bay View Beach Sub.#1	26	2.37	Min Sur	100% 0%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County T31N R09W							
N-14	(Continued) *S 178 ft of N 865 ft of W 60 ft of E 640 ft of Gov't Lot 3 exc Lot 1, Blk 16, Bay View Beach Sub. #1	26	0.16	Min 100% Sur 0%				
N-15	*E1/2 SE1/4 NE1/4 NE1/4	35	5.00	Min 100% Sur 0%				
	*East 10 ft of West 120 ft of E1/2 of S1/2 of East 20 acres of Gov't Lot 2	35	0.04	Min 100% Sur 0%				
	*N1/2 of the East 20 acres of Lot 2 except the South 100 ft. of North 200 ft. of W1/2 of N1/2 of the East 20 acres, and Lot 2 West of the East 20 acres, except the North 350 ft. and the South 300 ft.	35	19.81	Min 100% Sur 0%				
	*NE1/4 NE1/4 NE1/4	35	10.00	Min 100% Sur 0%				
	*SE1/4 SE1/4 NE1/4	35	10.00	Min 100% Sur 0%				
	*SW1/4 NE1/4 NE1/4	35	10.00	Min 100% Sur 0%				
	*The North 50 ft. of the South 100 ft. of the North 350 ft. of that part of Gov. Lot 2 lying West of the East 20 acres of Gov. Lot 2.	35	0.57	Min 100% Sur 0%				
	*The South 250 ft. of the South 300 ft. of that part of Gov. Lot 2 lying West of the East 20 acres of Gov. Lot 2 having a frontage of about 253 ft. on Grand Traverse Bay and running East approximately 500 ft., also the W1/2 of S1/2 of East 20 acres of Gov. Lot 2, Also the West 110 ft. of the E1/2 of S1/2 of East 20 acres of Gov. Lot 2, being a piece of ground 110 ft. wide by 627 ft. more or less in length, also the East 110 ft. of the E1/2 of S1/2 of East 20 acres of Gov Lot 2, being a piece of ground 110 ft wide by 627 ft M/L in length.	35	10.78	Min 100% Sur 0%				
	*W1/2 NW1/4 NE1/4 NE1/4 ex W 110 feet	35	3.00	Min 100%				
	*W1/2 SE1/4 NE1/4	35	20.00	Sur 0% Min 100%				
	*West 110 ft of NW1/4 of NE1/4 of NE1/4	35	1.67	Sur 0% Min 100% Sur 0%				
N-16	*E1/2 NE1/4 SE1/4	35	20.00	Min 100% Sur 0%				
	*E1/2 NW1/4 NE1/4 SE1/4	35	5.00	Min 100% Sur 0%				
	*W1/2 W1/2 NE1/4 SE1/4	35	10.00	Min 100% Sur 0%				
N-17	*E1/2 NE1/4 SW1/4 NW1/4	36	5.00	Min 100% Sur 0%	75			

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Antrim County T31N R09W							
N-17	(Continued) *N1/2 NW1/4 NW1/4	36	20.00	Min 100% Sur 0%				
	*SE1/4 SW1/4 NW1/4	36	10.00	Min 100% Sur 0%				
	*SW1/4 NW1/4 NW1/4	36	10.00	Min 100% Sur 0%				
	*W 1/2 of NE1/4 of SW1/4 of NW1/4	36	5.00	Min 100% Sur 0%				
	*W1/2 SE1/4 NW1/4 NW1/4	36	5.00	Min 100% Sur 0%				
	*W1/2 SW1/4 NW1/4	36	20.00	Min 100% Sur 0%				
N-18	*N1/2 NE1/4 SW1/4	36	20.00	Min 100%				
	*N1/2 NW1/4 SW1/4	36	20.00	Sur 0% Min 100% Sur 0%				
	Antrim County T32N R08W							
N-19	*W1/2 SW1/4 NW1/4	33	20.00	Min 100% Sur 0%				

Offering		Sec-	Lease	-	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity		Number	Bid	Bid
	Arenac County							
	T19N R05E							
N-20					41			
	*NE1/4 NW1/4	2	41.00	Min 100%				
				Sur 0%			1	
N-21	*SE1/4 SW1/4	4	40.00	Min 100%	40			
	GE 1/4 GW 1/4	4	40.00	Sur 100%				
N-22				Cu: 10070	80			
	*N 50 feet of NW1/4 SW1/4 lying E of the Rifle	5	0.03	Min 100%				
	River except E 500 feet thereof			Sur 0%				
	*NW1/4 SW1/4 except N 50 feet lying E of Rifle	5	39.97	Min 100%				
	River			Sur 100%				
	*SW1/4 SW1/4	5	40.00	Min 100%				
				Sur 0%				
23					81			
	*NE1/4 NW1/4	6	40.34	Min 100%				
	*NW1/4 NW1/4		40.04	Sur 100%				
	NVV 1/4 NVV 1/4	6	40.24	Min 100% Sur 100%				
N-24				3ul 100 /6	41			
14-24	*SW1/4 NW1/4	6	40.40	Min 100%				
				Sur 0%				
25					40			
	*SW1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
26	*NE1/4 NE1/4	7	40.00	Min 100%	160			
	NEW THEW	'	40.00	Sur 0%				
	*NW1/4 NE1/4	7	40.00	Min 100%				
				Sur 100%				
	*SE1/4 NE1/4	7	40.00	Min 100%				
	***************************************			Sur 0%				
	*SW1/4 NE1/4	7	40.00	Min 100%				
27				Sur 100%	162			
<b>4</b> 1	*NE1/4 NW1/4	7	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NW1/4	7	41.02	Min 100%				
				Sur 100%				
	*SE1/4 NW1/4	7	40.00	Min 100%				
	*SW1/4 NW1/4	7	40.04	Sur 100%				
	5 VV 1/7 1 VVV 1/7	7	40.84	Min 100% Sur 100%				
28				34. 10070	120			
	*NE1/4 SE1/4	7	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*NW1/4 SE1/4	7	40.00	Min 100%				
				Sur 100%				
	•	•	•	•	•	•	•	•

Offering Number	Description	Sec-	Lease Acres	•	Bid	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
28	(Continued) *SE1/4 SE1/4	7	40.00	Min 100% Sur 100%				
N-29	*SW1/4 SE1/4	7	40.00	Min 100% Sur 100%				
30	*NW1/4 SW1/4	7	40.66	Min 100% Sur 100%				
	*SE1/4 SW1/4	7	40.00	Min 100% Sur 100%				
	*SW1/4 SW1/4	7	40.48	Min 100% Sur 100%				
N-31	*NE1/4 SW1/4	7	40.00	Min 100% Sur 100%				
32	*NW1/4 NE1/4	8	40.00	Min 100% Sur 100%				
N-33	*NE1/4 NE1/4	8	40.00	Min 100% Sur 100%				
34	*NW1/4 NW1/4	8	40.00	Min 100% Sur 0%				
	*S1/2 NE1/4 NW1/4	8	20.00	Min 100% Sur 100%				
	*SE1/4 NW1/4	8		Min 100% Sur 100%				
	*SW1/4 NW1/4	8	40.00	Min 100% Sur 100%				
35	*NE1/4 SW1/4	8	40.00	Min 100% Sur 100%				
	*NW1/4 SW1/4	8	40.00	Min 100% Sur 100%				
	*SE1/4 SW1/4	8		Min 100% Sur 100%				
	*SW1/4 SW1/4	8	40.00	Min 100% Sur 100%				
36	*NE1/4 NE1/4	9	40.00	Min 100% Sur 0%				
N-37	Part of NW1/4 NW1/4 lying S of the Rifle River	9	0.80	Min 100% Sur 100%	81			
	SE1/4 NW1/4	9	40.00	Min 100% Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
N-37	(Continued) SW1/4 NW1/4	9	40.00	Min 100% Sur 100%				
38	*W1/2 SE1/4 ex 11 1/2 A for cemetery lot comm at SW cor, th E 40 rds on Sec. line between 9 & 16, th N 46 rods to highway, NW'ly along hwy to 1/4 line of Sec. 9, th S on 1/4 line 46 rods to beginning, also ex comm at S1/4 cor of Sec. 9 N along N-S 1/4 line to centerline of existing county road for point of beginning, th N along N-S 1/4 line 660 ft, th E 330 ft, th S parallel with N-S 1/4 line to centerline of county road, th NW'ly along said centerline to point of beginning. Subject to existing easements.	9	63.50	Min 100% Sur 100%				
39	*SE1/4 SW1/4	9	40.00	Min 100% Sur 0%				
N-40	N 15 acres of NW1/4 SW1/4	9	15.00	Min 100% Sur 100%				
41	*NE1/4 OF NE1/4	10	40.00	Min 100% Sur 0%				
	*SE1/4 NE1/4	10	40.00	Min 100% Sur 0%				
N-42	*All that part of NE1/4 NW1/4, E of Maple Ridge Road.	10	1.00	Min 100% Sur 0%				
	*W1/4 A of NE1/4 NW1/4 N & E of Maple Ridge Road	10	0.25	Min 100% Sur 0%				
43	*NE1/4 SE1/4	10	40.00	Min 100% Sur 0%				
N-44	*N1/4 SE1/4 SE1/4	10	10.00	Min 100% Sur 0%				
N-45	*NW1/4 SW1/4 South of River	10	10.00	Min 100% Sur 0%				
46	*SE1/4 NE1/4	11	40.00	Min 100% Sur 100%	40			
47	*SE1/4 NW1/4	11	40.00	Min 100% Sur 0%	80			
	*SW1/4 NW1/4	11	40.00	Min 100% Sur 0%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
N-48	*SE1/4 NE1/4	12	40.00	Min 100% Sur 0%				
	*SW1/4 NE1/4	12	40.00	Sur 0% Min 100% Sur 0%				
N-49	*N 412.5 ft of E 803.48 ft of the W 1319.34 ft of SW I/4 of SE I/4 EXC the E 15.18 ft.	12	7.61	Min 100% Sur 100%				
	S 412.5 ft of E 803.48 ft of the W 1319.34 ft of NW I/4 of SE I/4 EXC the E 15.18 ft.	12	7.61	Min 100% Sur 100%				
	S 50 acres of N 105 acres of SE1/4 except W 1304.16 feet thereof	12	25.30	Min 100% Sur 100%				
N-50	*S1/2 NE1/4 SW1/4	12	20.00	Min 100%				
	*S1/2 NW1/4 SW1/4	12	20.00	Sur 100% Min 100% Sur 100%				
	*SE1/4 SW1/4	12		Min 100% Sur 100%				
N-51	*SW1/4 SW1/4	12	40.00	Min 100% Sur 100%				
IN-01	*SE1/4 NE1/4	13	40.00	Min 100% Sur 0%				
N-52	*NE1/4 NW1/4	13	40.00	Min 100%				
	*NW1/4 NW1/4	13	40.00	Sur 100% Min 100% Sur 100%				
53	*SE1/4 SE1/4	13	40.00	Min 100%	80			
	*SW1/4 SE1/4	13	40.00	Sur 100% Min 100% Sur 100%				
54	*SE1/4 SW1/4	13	40.00	Min 100% Sur 100%				
N-55	*NE1/4 SW1/4	13	40.00	Min 100% Sur 0%	80			
	*SW1/4 SW1/4	13	40.00	Sur 0% Min 100% Sur 0%				
56	*NE1/4 NE1/4	14	40.00	Min 100%				
	*NW1/4 NE1/4	14	40.00	Sur 100% Min 100% Sur 100%				

Offering Number	Description		Lease Acres	•	Bid	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
N-57	*SW1/4 NE1/4 N of RR	14	5.00	Min 100% Sur 0%				
N-58	*NW1/4 NW1/4, ex D & M RR right of way, also a strip of land 4 rds wide along E'ly line of D & M RR right of way owned by the Au Sable Electric Co.	14	35.00	Min 100% Sur 0%				
N-59	*A parcel of land in NW1/4 of NE1/4 between Rifle River and North and South 1/4 line, Sec. 15	15	3.60	Min 100% Sur 100%				
N-60	*Parcel in NW1/4 of SE1/4 between Rifle River and North and South 1/4 line, Sec. 15 Subject to existing easements.	15		Min 100% Sur 100%				
	*Parcel in Southwest corner of NW1/4 of SE1/4 lying North of SW1/4 of SE1/4 and West of Rifle River, Sec. 15	15	3.50	Min 100% Sur 100%				
	SEE PARCEL ID #'S 368126, 368133, AND 368135 FOR PARCELS EXCEPTED FROM THIS DESCRIPTION IN EXCHANGE TRANSACTIONS. Subject to existing easements.							
N-61	Part of S1/2 NE1/4 SW1/4 beg at SE cor thereof, th N 67.50 ft, th W parl to S line of said S1/2 NE1/4 SW1/4 to E r/w line of Michigan Ave, th SEly alg sd r/w line to S line of said S1/2 NE1/4 SW1/4, th E alg said S line to pob. Subject to existing easements.	15	0.02	Min 100% Sur 100%				
	Part of S1/2 NE1/4 SW1/4 beg at SE cor thereof, th N 157.5 ft alg E line of sd S1/2 NE1/4 SW1/4, th W parallel to the S line of sd S1/2 NE1/4 SW1/4 to the E r/w line of Michigan Avenue, th SE'ly alg said r/w line to the S line of said S1/2 NE1/4 SW1/4, th E alg said S line to the pt of beg.	15	0.10	Min 100% Sur 100%				
62	*NE1/4 NW1/4	16	40.00	Min 100%	80			
	*NW1/4 NW1/4	16	40.00	Sur 0% Min 100% Sur 0%				
N-63	*All that part of SE1/4 of SE1/4, SE'ly of Air Line Road.	16	22.00	Min 100% Sur 0%				
64	*NE1/4 NE1/4	17	40.00	Min 100%				
	*NW1/4 NE1/4	17	40.00	Sur 0% Min 100% Sur 0%				

Arenac County   T19N R05E	Offering Number	Description		Lease		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
### T19N R05E  64	110111001	<u> </u>	1.011	7 101 00		7.0.00		1	1
Continued   SE1/4 NE1/4   17   40.00   Min 100%   Sur 0%   Sur 100%   Sur 1		- The state of the							
**SW1/4 NE1/4	64								
*SW1/4 NE1/4		*SE1/4 NE1/4	17	40.00	Min 100%				
Sur 100%   80   80   80   80   80   80   80		100444451544							
N-65		^SW1/4 NE1/4	17	40.00					
**NE1/4 NW1/4 **NW1/4 NW1/4 **NW1/4 NW1/4 **SE1/4 NW1/4 **SE1/4 NW1/4 **SW1/4 SW1/4 SW1/	65				Oui 10070				
**NW1/4 NW1/4		*NE1/4 NW1/4	17	40.00	Min 100%				
N-66  *SE1/4 NW1/4  *SW1/4 NW1/4  17 40.00 Min 100% Sur 1									
N-66  "SE1/4 NW1/4  "SW1/4 NW1/4  "SW1/4 NW1/4  "N-67  "NE1/4 SW1/4  "NW1/4 SW1/4  "NW1/4 SW1/4  "SW1/4 NE1/4  "NE1/4 NW1/4  "SW1/4 NE1/4  "NE1/4 NW1/4  "SW1/4 NE1/4  "SW1/4 NE1/4  "SW1/4 NE1/4  "SW1/4 NE1/4  "SW1/4 NW1/4  "SW1/4 SE1/4  "SW		*NW1/4 NW1/4	17	40.00					
"SE1/4 NW1/4	N-66				Sur 100%			1	
*SW1/4 NW1/4	14-00	*SE1/4 NW1/4	17	40.00	Min 100%				
N-67  *NE1/4 SW1/4  *NW1/4 SW1/4  *NW1/4 SW1/4  *SE1/4 NE1/4  *SW1/4 NE1/4  *SW1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NE1/4  *SW1/4 NW1/4  *SW1/4 SE1/4  *SW1/4 SE1									
N-67  "NE1/4 SW1/4  "NW1/4 SW1/4  17 40.00 Min 100% Sur 0% Sur 100%  68  "SE1/4 NE1/4  18 40.00 Min 100% Sur 100%  "SW1/4 NE1/4  18 40.00 Min 100% Sur 100%  Sur 100%  N-69  "NE1/4 NE1/4  18 40.00 Min 100% Sur 100%  "NW1/4 NE1/4  18 40.00 Min 100% Sur 100%  Sur 100%  N-70  35 "NE1/4 NW1/4  18 40.00 Min 100% Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  Sur 100%  N-71  "NW1/4 SE1/4  18 40.00 Min 100%  Sur 100%		*SW1/4 NW1/4	17	40.00					
*NE1/4 SW1/4  *NW1/4 SW1/4  17 40.00 Min 100% Sur 0%  *NW1/4 SW1/4  17 40.00 Min 100% Sur 100%  80 Min 100%  Sur 100%  80 Min 100%  Sur 100%  80 Sur 100%  *SW1/4 NE1/4  18 40.00 Min 100%  Sur 100%  *NE1/4 NE1/4  18 40.00 Min 100%  Sur 100%  *NW1/4 NE1/4  18 40.00 Min 100%  Sur 100%  *NW1/4 NE1/4  18 40.00 Min 100%  Sur 100%  N-70  35 *NE1/4 NW1/4  18 40.00 Min 100%  Sur 100%  35 *NW1/4 NW1/4  18 40.00 Min 100%  Sur 100%  T1  *NW1/4 SE1/4  18 40.00 Min 100%  Sur 100%  N-72  *NE1/4 SE1/4  18 40.00 Min 100%  Sur 100%  A0  N-72  *NE1/4 SE1/4  18 40.00 Min 100%  Sur 100%  Sur 100%  Sur 100%  N-73					Sur 100%			1	
*NW1/4 SW1/4	N-67	*NF1/4 SW1/4	17	40.00	Min 100%				
*NW1/4 SW1/4		HEW TOWN T	''	+0.00					
SE1/4 NE1/4		*NW1/4 SW1/4	17	40.00					
*SE1/4 NE1/4  *SW1/4 NE1/4  18 40.00 Min 100% Sur 100% *Sur 100% N-69  *NE1/4 NE1/4  18 40.00 Min 100% Sur 100% Sur 100% *Sur 100% *Sur 100% Sur 10					Sur 100%	-			
*SW1/4 NE1/4  *SW1/4 NE1/4  18 40.00 Min 100% Sur 100%  *NE1/4 NE1/4  18 40.00 Min 100% Sur 100%  *NW1/4 NE1/4  18 40.00 Min 100% Sur 100%  *NW1/4 NW1/4  18 40.00 Min 100% Sur 100%  *Sur 100%  *NE1/4 NW1/4  18 40.00 Min 100% Sur 100%  \$35 *NW1/4 NW1/4  18 40.36 Min 100% Sur 100%  \$35 *SE1/4 NW1/4  18 40.00 Min 100% Sur 100%  *Sur 100%  *Su	68	*054/4 NI54/4	40	40.00	M:- 4000/				
*SW1/4 NE1/4		SE 1/4 NE 1/4	18	40.00					
N-69 *NE1/4 NE1/4 *NW1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NW1/4  *NW1/4 SE1/4		*SW1/4 NE1/4	18	40.00					
*NE1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NE1/4  *NW1/4 NW1/4  *NW1/4 SE1/4  *N									
*NW1/4 NE1/4  *NW1/4 NE1/4  18 40.00 Min 100% Sur 100%  N-70 35 *NE1/4 NW1/4  18 40.00 Min 100% Sur 100%  35 *NW1/4 NW1/4  18 40.36 Min 100% Sur 100%  35 *SE1/4 NW1/4  18 40.00 Min 100% Sur 100%  71  *NW1/4 SE1/4  18 40.00 Min 100% Sur 100%  N-72  *NE1/4 SE1/4  18 40.00 Min 100% Sur 100%  Nin 100% Sur 100%  Nin 100% Sur 100% Sur 100%  Sur 100%  Nin 100% Sur 100%	N-69								
*NW1/4 NE1/4		*NE1/4 NE1/4	18	40.00					
N-70 35 *NE1/4 NW1/4 35 *NW1/4 NW1/4 35 *NW1/4 NW1/4 36 *SE1/4 NW1/4 37 *SE1/4 NW1/4 38 *40.00 Min 100% 39 *SE1/4 NW1/4 39 *SE1/4 NW1/4 30 *Min 100% 30 *SE1/4 NW1/4 31 *NW1/4 SE1/4 32 *NW1/4 SE1/4 33 *SE1/4 NW1/4 34 *NW1/4 SE1/4 35 *SE1/4 NW1/4 36 *Min 100% 37 *Min 100% 38 *SE1/4 NW1/4 38 *40.00 Min 100% 38 *Min 100		*NW1/4 NE1/4	18	40.00					
35 *NE1/4 NW1/4 35 *NW1/4 NW1/4 35 *SE1/4 NW1/4 35 *SE1/4 NW1/4 36 Min 100% Sur 100%									
35 *NW1/4 NW1/4	N-70					121			
35 *NW1/4 NW1/4  35 *SE1/4 NW1/4  18 40.00 Min 100% Sur 100%  71 *NW1/4 SE1/4  18 40.00 Min 100% Sur 100%  N-72 *NE1/4 SE1/4  18 40.00 Min 100% Sur 100%  80 Sur 100%  *SW1/4 SE1/4  18 40.00 Min 100% Sur 100%  Sur 100%  N-73 40	35	*NE1/4 NW1/4	18	40.00					
35 *SE1/4 NW1/4	35	*NW1/4 NW1/4	10	40.36					
35 *SE1/4 NW1/4  18 40.00 Min 100% Sur 100%  71 *NW1/4 SE1/4  18 40.00 Min 100% Sur 100%  N-72 *NE1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 100% Sur 100% Sur 100% Sur 0%  N-73 40	00		'0	+0.50					
71  *NW1/4 SE1/4  18 40.00 Min 100% Sur 100%  N-72  *NE1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 100% Sur 100% Sur 0%  N-73  40  40  40  40  40  40  40  40  40  4	35	*SE1/4 NW1/4	18	40.00					
*NW1/4 SE1/4  N-72  *NE1/4 SE1/4  *SW1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 100% Sur 100% Sur 0%  N-73  40  40					Sur 100%				
N-72  *NE1/4 SE1/4  *SW1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 100% Sur 0%  N-73  40	71	*N\\\\1/4 \SE1/4	40	40.00	Min 4000/				
N-72  *NE1/4 SE1/4  *SW1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 0%  N-73  40		NVV 1/4 SE 1/4	18	40.00					
*NE1/4 SE1/4  *SW1/4 SE1/4  18 40.00 Min 100% Sur 100% Sur 0%  N-73  40  40	N-72				30. 10070			1	
*SW1/4 SE1/4 18 40.00 Min 100% Sur 0% 40 40	<b></b>	*NE1/4 SE1/4	18	40.00	Min 100%				
N-73 Sur 0% 40					•				
N-73 40		*SW1/4 SE1/4	18	40.00					
	N_7?		+		our 0%			+	
*NE1/4 SW1/4   18   40.00 Min 100%	14-13	*NE1/4 SW1/4	18	40.00	Min 100%	_			
Sur 0%									

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
N-74	*SW1/4 NE1/4	19	40.00	Min 100% Sur 0%				
N-75	*All that part of NW1/4 NE1/4 lying E of Rifle River, excepting and reserving unto the State of Michigan an easement for public fishing and rights incident thereto in, over and upon a strip of land 100 ft wide lying adjacent to and parl with E'ly bank of Rifle River, insofar as river traverses the above conveyed premises.	22	17.00	Min 100% Sur 0%				
	*NE1/4 NE1/4	22	40.00	Min 100% Sur 0%				
	*SE1/4 NE1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	22	40.00	Min 100% Sur 100%				
N-76	*NE1/4 SE1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
77	*SE1/4 NE1/4	23	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	23	40.00	Min 100% Sur 100%				
N-78	*NE1/4 SE1/4	23	40.00	Min 100% Sur 100%				
	*NW1/4 SE1/4	23	40.00	Min 100% Sur 100%				
	*SE1/4 SE1/4 Subject to existing easements.	23	40.00	Min 100% Sur 100%				
	*SW1/4 SE1/4	23	40.00	Min 100% Sur 0%				
N-79	*N1/2 NW1/4 SW1/4 Subject to existing easements.	23	20.00	Min 100% Sur 100%				
	*N1/2 SE1/4 SW1/4	23	20.00	Min 100% Sur 100%				
	*N1/2 SW1/4 SW1/4	23	20.00	Min 100% Sur 100%				
	*NE1/4 SW1/4	23	40.00	Min 100% Sur 100%				
	*S1/2 NW1/4 SW1/4	23	20.00	Min 100% Sur 100%				
N-80	*NE1/4 NE1/4	24	40.00	Min 100% Sur 0%	160			

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R05E							
N-80	(Continued) *NW1/4 NE1/4	24	40.00	Min 100% Sur 100%				
	*SE1/4 NE1/4	24	40.00	Min 100% Sur 0%				
	*SW1/4 NE1/4	24	40.00	Min 100% Sur 100%				
81	*NE1/4 NW1/4	24	40.00	Min 100% Sur 100%	160			
	*NW1/4 NW1/4	24	40.00	Min 100%				
N-82	*SE1/4 NW1/4	24	40.00	Sur 100% Min 100%				
	*SW1/4 NW1/4	24	40.00	Sur 100% Min 100% Sur 100%				
N-82	*NW1/4 SE1/4	24	40.00	Min 100%				
	*SE1/4 SE1/4	24	40.00	Sur 100% Min 100% Sur 0%				
	*SW1/4 SE1/4 Subject to existing easements.	24	40.00	Min 100% Sur 100%				
83	*NE1/4 SW1/4	24	40.00	Min 100%				
	*NW1/4 SW1/4	24	40.00	Sur 100% Min 100% Sur 100%				
	Arenac County T19N R06E							
84	*NE1/4 NW1/4, ex and reserving unto State of Mich. an easement for public fishing and rights incident thereto, in, over and upon a strip of land 100 ' wide being parl with and adjacent to water's edge of a small lake (no name) insofar as said lake occupies, or borders on, the above conveyed premises, th continuing the 100 ' strip parl with and adjacent to shore of the lake.	4	40.42	Min 100% Sur 0%	81			
	*NW1/4 NW1/4	4	40.27	Min 100% Sur 0%				
N-85	*SE1/4 NW1/4, ex and reserving unto the State of Michigan an easement for public fishing and rights incident thereto, in, over and upon a strip of land 100 ' wide being parl with and adjacent to the water's edge of a small lake (no name) insofar as said lake occupies, or borders on, the above premises.	4	40.00	Min 100% Sur 0%	80			

Offering	Oil And Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Arenac County							
	T19N R06E							
N-85	(Continued) *SW1/4 NW1/4	,	40.00	Min 100%				
	3W 1/4 INW 1/4	4	40.00	Sur 0%				
N-86				070	80			
	*NE1/4 SW1/4	4	40.00	Min 100%				
				Sur 0%				
	*NW1/4 SW1/4	4	40.00	Min 100%				
				Sur 0%				
87	*NE1/4 NW1/4	5	10.60	Min 100%	82			
	112 11 11 11 11 11 11 11 11 11 11 11 11		40.03	Sur 0%				
	*NW1/4 NW1/4	5	40.88	Min 100%				
				Sur 0%				
N-88					82			
	*NE1/4 NE1/4	6	40.86	Min 100%				
	*NW1/4 NE1/4		40.00	Sur 0%				
	1NVV 1/4 INE 1/4	6	40.62	Min 100% Sur 0%				
N-89				Oui 070	40			
14-03	*SE1/4 NW1/4	6	40.00	Min 100%				
				Sur 0%				
N-90					80			
	*NE1/4 SE1/4	6	40.00	Min 100%				
	*SE1/4 SE1/4		40.00	Sur 0%				
	SE 1/4 SE 1/4	6	40.00	Min 100% Sur 0%				
91				070	40			
31	*NE1/4 SW1/4	6	40.00	Min 100%				
				Sur 0%				
92					40			
	*NW1/4 NE1/4	7	40.00	Min 100%				
		+-		Sur 0%				-
93	*NW1/4 SE1/4	9	40.00	Min 100%	40			
			70.00	Sur 0%				
N-94		1		170	80			
	*NE1/4 NE1/4	10	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	10	40.00	Min 100%				
N 05		1		Sur 100%				-
N-95	*SE1/4 NW1/4	10	40.00	Min 100%	80			
	327777777	10	40.00	Sur 100%				
	*SW1/4 NW1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-96		+			160			
00	*NE1/4 SE1/4	10	40.00	Min 100%				
				Sur 100%				
October 25	2005 * = Attorney Title Opinion Required							Page 15 of 98

Offering Number	Description Description	Sec-	Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
TAUTIDE		11011	70162	Equity	70169	MALIDEI	I DIG	טוע
	Arenac County T19N R06E							
N-96	(Continued)							
14-30	*NW1/4 SE1/4	10	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SE1/4	10	40.00	Min 100%				
	*SW1/4 SE1/4	10	40.00	Sur 100%				
	3W 1/4 3E 1/4	10	40.00	Min 100% Sur 100%				
N-97					160			
	*NE1/4 SW1/4	10	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4 Subject to existing easements.	10	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SW1/4	10	40.00	Min 100% Sur 0%				
	*SW1/4 SW1/4	10	40.00	Min 100%				
				Sur 0%				
N-98					40			
	*NW1/4 SE1/4	11	40.00	Min 100%				
				Sur 0%				
N-99	*NE1/4 NW1/4	14	40.00	Min 100%	40			
		'-	+0.00	Sur 0%				
N-100					148			
	*Govt Lot 3	15	67.90	Min 100%				
				Sur 0%				
	*NE1/4 NE1/4	15	40.00	Min 100% Sur 0%				
	*NW1/4 NE1/4	15	40.00	Min 100%				
				Sur 0%				
N-101					140			
	*Govt Lot 2	15	63.55	Min 100%				
	*NW1/4 NW1/4	15	40.00	Sur 0% Min 100%				
		13	+0.00	Sur 0%				
	*That portion of Govt Lot 1 lying N of the E - W	15	35.60	Min 100%				
	section line			Sur 0%				
N-102					120			
	*NE1/4 SE1/4 Subject to existing easements.	15	40.00	Min 100%				
				Sur 0%				
	*SE1/4 SE1/4	15	40.00	Min 100%				
	*SW1/4 SE1/4	15	40.00	Sur 0%				
	OW 1/4 OL 1/4	15	40.00	Min 100% Sur 0%				
N-103				341 070	63			
	*Govt Lot 1 EXCEPT that portion lying N of the	15	15.00	Min 100%				
	E - W section line			Sur 0%				
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## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T19N R06E				Ĭ				
N-103	(Continued) *Govt Lot 5	15	47.35	Min 10 Sur	0% 0%				
104	*SW1/4 NW1/4	17	40.00	Min 10 Sur	0% 0%	40			
N-105	*NW1/4 NW1/4	17	40.00	Min 10 Sur	0% 0%	40			
<b>N-106</b> 39	Part of the NW 1/4 SE 1/4 within Government Lot 2 described as the East 330 feet of the West 660 feet of the NW 1/4 SE 1/4	17	9.68	Min 10 Sur 10	0%	20			
39	Part of the SW 1/4 SE 1/4 within Government Lot 2 described as the East 330 feet of the West 660 feet of SW 1/4 of SE 1/4	17	9.69	Min 10 Sur 10					
107	*NE1/4 NW1/4	18	40.00	Min 10 Sur	0% 0%	40			
N-108	*A parcel described as follows, beginning at the W 1/4 post said Sec. th N 89d12' E 1345.33 ft to the point of this description place of beginning, th N 89d12' E 1345.33 ft, th N 75 ft, th S 89d12' W 1345.33 ft, th S 75 ft to the point of beginning of this description, th S 89d12'W 1345.33 ft to the 1/4 post and point of beginning. Being a part of SE1/4 NW1/4 Subject to existing easements.	18	2.32	Min 10 Sur	0% 0%	131			
	*NW1/4 NW1/4  *SE1/4 NW1/4 ex a parcel described as follows, beginning at the West 1/4 post said Sec. th N 89d12' E 1345.33 ft to the point of this description place of beginning, th N 89d12' E 1345.33 ft, th N 75 ft, th S 89d12' W 1345.33 ft, th S 75 ft to the point of beginning of this description, th S 89d12'W1345.33 ft to the 1/4 post and point of beginning. Subject to existing easements.	18		Min 10	0%				
	*SW1/4 NW1/4	18	44.98	Min 10 Sur	0% 0%				
109	*NE1/4 SE1/4	18	40.00	Min 10 Sur	0% 0%	120			
	*SE1/4 SE1/4	18	40.00	Min 10 Sur 10	0%				
	*SW1/4 SE1/4	18	40.00	Min 10 Sur 10	0%				

Offering	Oli Alid Gas Ecase At	Sec-	Lease	-	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Arenac County							
	T19N R06E							
N-110	*NW1/4 SE1/4	40	40.00	N4: 4000/	40			
	NW 1/4 SE 1/4	18	40.00	Min 100% Sur 0%				
111				Sui 076	44			
	*SW1/4 SW1/4	18	43.88	Min 100%				
	Subject to existing easements.			Sur 100%				
N-112					125			
	*NE1/4 SW1/4	18	40.00	Min 100%				
				Sur 0%				
	*NW1/4 SW1/4	18	44.43	Min 100%				
	*0F4/4 0\M4/4			Sur 0%				
	*SE1/4 SW1/4	18	40.00	Min 100%				
113				Sur 100%	80			
113	*NW1/4 NE1/4	19	40.00	Min 100%				
				Sur 100%				
	*SE1/4 NE1/4	19	40.00	Min 100%				
				Sur 100%				
N-114	-NE-4/4 NE-4/4				80			
	*NE1/4 NE1/4	19	40.00	Min 100%				
	*SW1/4 NE1/4	19	40.00	Sur 0% Min 100%				
	OW 1/4 NE 1/4	19	40.00	Sur 100%				
115					88			
	*NW1/4 NW1/4	19	43.58	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 NW1/4	19	43.54	Min 100%				
	Subject to existing easements.			Sur 100%				
N-116					80			
	*NE1/4 NW1/4	19	40.00	Min 100%				
	*OF4/4 NNA/4/4			Sur 100%				
	*SE1/4 NW1/4	19	40.00	Min 100%				
117				Sur 100%	120			
117	*NE1/4 SE1/4	19	40.00	Min 100%	120			
				Sur 100%				
	*SE1/4 SE1/4	19	40.00	Min 100%				
	l			Sur 100%				
	*SW1/4 SE1/4 Subject to existing easements.	19	40.00	Min 100%				
	Sasjoot to oxiding duscrionts.			Sur 100%				
N-118	***************************************				40			
	*NW1/4 SE1/4	19	40.00	Min 100%				
440				Sur 100%	124			
119	*NE1/4 SW1/4	19	40.00	Min 100%				
		13	10.00	Sur 100%				
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Offering Number	Description	Sec-	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County	1						<u> </u>
	T19N R06E							
119	(Continued)							
	*NW1/4 SW1/4 Subject to existing easements.	19	43.50	Min 100%				
				Sur 100%				
	*SE1/4 SW1/4 Subject to existing easements.	19	40.00	Min 100%				
	Cubject to existing easements.			Sur 100%				
N-120	*SW1/4 SW1/4	10	40.40	Min 4000/	44			
	3W1/4 3W1/4	19	43.46	Min 100% Sur 0%				
121					67			
	*Govt Lot 1	20	67.00	Min 100%				
				Sur 100%				
N-122	*NIT4/4 NIVA/4/4		40.00		120			
	*NE1/4 NW1/4	20	40.00	Min 100% Sur 0%				
	*NW1/4 NW1/4	20	40.00	Min 100%				
				Sur 0%				
	*SW1/4 NW1/4	20	40.00	Min 100%				
				Sur 0%				
N-123	*Govt Lot 2		00.00	NA: 4000/	70			
	GOVI LOI 2	21	69.30	Min 100% Sur 0%				
N-124				Oui 070	80			
14 12-	*NW1/4 SE1/4	21	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SE1/4	21	40.00	Min 100%				
N. 405				Sur 0%				
N-125	*NE1/4 SW1/4	21	40.00	Min 100%	120			
		-	40.00	Sur 0%				
	*NW1/4 SW1/4	21	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SW1/4	21	40.00	Min 100%				
N. 400				Sur 0%	39			-
N-126	*Govt Lot 1	22	38.60	Min 100%				
				Sur 0%				
N-127					30			
	*NW1/4 NW1/4 exc. S1/2 W1/2 NW1/4 NW1/4	23	30.00	Min 100%				
N 400				Sur 0%				
<b>N-128</b> 35	*NE1/4 NE1/4	27	40.00	Min 100%	40			
50		-	10.00	Sur 0%				
129					80			
129	*NE1/4 NW1/4	27	40.00	Min 100%				
				Sur 0%				
	*NW1/4 NW1/4	27	40.00	Min 100%				
			l	Sur 0%			1	1

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County							
	T19N R06E							
N-130	***************************************				80			
	*NW1/4 NE1/4	28	40.00	Min 100%				
	*SW1/4 NE1/4	28	40.00	Sur 100% Min 100%				
	GW I/4 NE I/4	20	40.00	Sur 100%				
N-131					160			
	*NE1/4 SW1/4	28	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	28	40.00	Min 100%				
	*************			Sur 100%				
	*SE1/4 SW1/4	28	40.00	Min 100%				
	SW1/4 SW1/4	28	40.00	Sur 100%				
	3W 1/4 3W 1/4	20	40.00	Min 100% Sur 100%				
N-132				Out 10076	160			
14 102	NE1/4 NE1/4	29	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	29	40.00	Min 100%				
				Sur 100%				
	*SE1/4 NE1/4	29	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NE1/4	29	40.00	Min 100%				
				Sur 100%				
N-133	*NE1/4 NW1/4	29	40.00	Min 100%	120			
	NL 1/4 1000 1/4	29	40.00	Sur 100%				
	*SE1/4 NW1/4	29	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NW1/4	29	40.00	Min 100%				
				Sur 100%				
N-134					160			
	*NE1/4 SE1/4	29	40.00	Min 100%				
	***************************************		40.00	Sur 100%				
	*NW1/4 SE1/4	29	40.00	Min 100% Sur 100%				
	SE1/4 SE1/4	29	40 00	Min 100%				
		20	10.00	Sur 100%				
	*SW1/4 SE1/4	29	40.00	Min 100%				
				Sur 100%				
N-135					160			
	*NE1/4 SW1/4	29	40.00	Min 100%				
	*************			Sur 100%				
	*NW1/4 SW1/4	29	40.00	Min 100%				
	*SE1/4 SW1/4		40.00	Sur 100%				
	3L 1/4 3W 1/4	29	40.00	Min 100% Sur 100%				
	*SW1/4 SW1/4	29	40 00	Min 100%				
		29	70.00	Sur 100%				
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## **Mineral Auction Catalog**

Offering	Oil And Gas Edase A		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Arenac County							
	T19N R06E							
136					84			
	*NE1/4 NW1/4	30	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NW1/4	30	43.46	Min 100%				
	Subject to existing easements.			Sur 100%				
137					40			
	*NE1/4 SE1/4	30	40.00	Min 100%				
				Sur 100%				
N-138					80			•
39	NE1/4 SE1/4	31	40.00	Min 100%				
00	CE4/4 CE4/4		40.00	Sur 100%				
39	SE1/4 SE1/4	31	40.00	Min 100%				
N. 400				Sur 100%				
<b>N-139</b> 39	*NE1/4 NE1/4	32	40.00	Min 100%	160			
00	INC. / INC. / I	32	+0.00	Sur 100%				
39	*NW1/4 NE1/4	32	40.00	Min 100%				
			10.00	Sur 100%				
39	SE1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
39	SW1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
N-140					80			
39	NE1/4 NW1/4	32	40.00	Min 100%				
				Sur 100%				
39	SE1/4 NW1/4	32	40.00	Min 100%				
				Sur 100%				
N-141	NE1/4 NW1/4	00	40.00	Min 4000/	160			
	INE 1/4 INW 1/4	33	40.00	Min 100%				
	NW1/4 NW1/4	33	40.00	Sur 100% Min 100%				
	1307 (/ 1307 1/7	33	40.00	Sur 100%				
	SE1/4 NW1/4	33	40.00	Min 100%				
			.0.00	Sur 100%				
	SW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
	Arenac County							
	T20N R05E							
142					80			
<del>-</del>	*SE1/4 SE1/4	10	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SE1/4	10	40.00	Min 100%				
				Sur 0%				
N-143					40			
	*NW1/4 SE1/4	10	40.00	Min 100%				
				Sur 0%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
740111001	i ·	1.011	, 10103	-quity		. tarribar	1	
	Arenac County T20N R05E							
N-144	120N ROSE				80			
IN- 144	*NW1/4 SE1/4	12	40.00	Min 100%	00			
			10.00	Sur 0%				
	*SW1/4 SE1/4	12	40.00	Min 100%				
	Subject to existing easements.			Sur 0%				
N-145					40			
	*S1/2 SE1/4 NE1/4, excepting and reserving	13	20.00	Min 100%				
	unto the State of Michigan an easement for public fishing and rights incident thereto in, over			Sur 0%				
	and upon a strip of land 100 ft. wide lying 50 ft.							
	each side of and adjacent to the thread of Cedar Creek Drain.							
	*S1/2 SW1/4 NE1/4, excepting and reserving unto the State of Michigan an easement for	13	20.00	Min 100%				
	public fishing and rights incident thereto in, over			Sur 0%				
	and upon a strip of land 100 ft. wide lying 50 ft. each side of and adjacent to the thread of Cedar							
	Creek Drain.							
N-146					80			
14-140	*NW1/4 NW1/4	13	40.00	Min 100%	00			
				Sur 0%				
	*SE1/4 NW1/4, excepting and reserving unto the	13	40.00	Min 100%				
	State of Mich. an easement for public fishing and rights incident thereto in, over and upon a			Sur 0%				
	strip of land 100 ft. wide lying 50 ft. each side of							
	and adjacent to the thread of Cedar Creek Drain, insofar as said creek traverses the said							
	premises.							
147					120			
147	*NE1/4 NE1/4	15	40.00	Min 100%	120			
				Sur 0%				
	*SE1/4 NE1/4	15	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NE1/4	15	40.00	Min 100%				
				Sur 100%	400		-	
148	*N1/2 NE1/4 NW1/4	15	20.00	Min 100%	160			
	1102 NEW 117	13	20.00	Sur 0%				
	*NW1/4 NW1/4	15	40.00	Min 100%				
				Sur 100%				
	*S1/2 NE1/4 NW1/4	15	20.00	Min 100%				
				Sur 100%				
	*SE1/4 NW1/4	15	40.00	Min 100%				
	*C\\\\4 /4 \\\\\\4 /4	4.5	40.00	Sur 100%				
	*SW1/4 NW1/4	15	40.00	Min 100% Sur 100%				
149				Sui 100%	160		1	
149	*NE1/4 SE1/4	15	40.00	Min 100%	100			
				Sur 100%				
	*NW1/4 SE1/4	15	40.00	Min 100%				
				Sur 100%				
October 25	2005 * = Attorney Title Opinion Required S	<u>' </u>					•	Page 22 of 9

## **Mineral Auction Catalog**

Offering Number	Description	Sec-	Lease Acres	Equity	Bid	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T20N R05E							
149	(Continued) *SE1/4 SE1/4	15	40.00	Min 100%				
	*SW1/4 SE1/4	15	40.00	Sur 100% Min 100% Sur 100%				
150	*NE1/4 SW1/4	15	40.00	Min 100% Sur 100%				
	*NW1/4 SW1/4	15	40.00	Min 100% Sur 100%				
	*SE1/4 SW1/4 *SW1/4 SW1/4	15 15		Min 100% Sur 100% Min 100%				
151	OW II TOW II T	10	40.00	Sur 100%				
	*NE1/4 SE1/4	16	40.00	Min 100% Sur 100%				
N-152	*SE1/4 NE1/4	19	40.00	Min 100% Sur 0%	40			
153	*NE1/4 NE1/4	21	40.00	Min 100%				
	*SE1/4 NE1/4	21	40.00	Sur 100% Min 100% Sur 100%				
N-154	*NE1/4 SE1/4	21	40.00	Min 100% Sur 0%				
	*SE1/4 SE1/4	21	40.00	Min 100% Sur 0%				
155	*NW1/4 NE1/4	22	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	22	40.00	Min 100% Sur 0%				
N-156	*NE1/4 NE1/4	22	40.00	Min 100% Sur 0%				
	*SE1/4 NE1/4	22	40.00	Min 100% Sur 0%				
157	*NE1/4 NW1/4	22	40.00	Min 100%				
	*NW1/4 NW1/4	22	40.00	Sur 100% Min 100% Sur 100%				
	*SE1/4 NW1/4	22	40.00	Min 100% Sur 0%				

## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T20N R05E							
157	(Continued) *SW1/4 NW1/4	22	40.00	Min 100% Sur 100%				
158	*SW1/4 SW1/4	22	40.00	Min 100% Sur 0%				
N-159	*NW1/4 SW1/4	22	40.00	Min 100% Sur 0%				
N-160	*NW1/4 SE1/4	23	40.00	Min 100% Sur 0%				
N-161	*NW1/4 SE1/4	35	40.00	Min 100% Sur 0%				
	*SW1/4 SE1/4	35	40.00	Min 100% Sur 0%				
N-162	*All that part of NW1/4 of NE1/4 lying West of D. & M. R.R.	36	2.00	Min 100% Sur 0%				
N-163	*Parcel commencing at Northwest corner of NE1/4 of NW1/4 of Section, thence running East 25 rods, South 121/2 rods, West 25 rods, North to beginning	36	1.95	Min 100% Sur 0%				
	Arenac County T20N R06E							
N-164	*S1/2 SE1/4 NE1/4  *S1/2 SW1/4 NE1/4	21		Min 100% Sur 0% Min 100% Sur 0%				
N-165	*S1/2 SE1/4 NW1/4	21	20.00	Min 100% Sur 0%	40			
	*S1/2 SW1/4 NW1/4	21	20.00	Min 100% Sur 0%				
N-166	*NE1/4 SE1/4	21	40.00	Min 100% Sur 0%	160			
	*NW1/4 SE1/4	21	40.00	Min 100% Sur 0%				
	*SE1/4 SE1/4	21	40.00	Min 100% Sur 0%				
	*SW1/4 SE1/4	21	40.00	Min 100% Sur 0%				

Offering	Oii Aiid Gas L	Sec-	Lease	-	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Arenac County							
	T20N R06E							
167	*NE1/4 SW1/4	24	40.00	Min 1000/	160			
	NE 1/4 3W 1/4	21	40.00	Min 100% Sur 0%				
	*NW1/4 SW1/4	21	40.00	Min 100%				
				Sur 0%				
	*SE1/4 SW1/4	21	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SW1/4	21	40.00	Min 100%				
N. 400				Sur 0%	00			
N-168	*NW1/4 SE1/4	22	40.00	Min 100%	80			
			10.00	Sur 0%				
	*SW1/4 SE1/4	22	40.00	Min 100%				
				Sur 0%				
N-169	1154400044				160			
	*NE1/4 SW1/4	22	40.00	Min 100%				
	*NW1/4 SW1/4	22	40.00	Sur 0% Min 100%				
	TWW 1/4 GW 1/4	22	40.00	Sur 0%				
	*SE1/4 SW1/4	22	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SW1/4	22	40.00	Min 100%				
				Sur 0%				
170	*NE1/4 NE1/4	27	40.00	Min 100%	40			
	NC 1/4 NC 1/4	27	40.00	Sur 0%				
N-171				070	120			
	*NW1/4 NE1/4	27	40.00	Min 100%				
				Sur 0%				
	*SE1/4 NE1/4	27	40.00	Min 100%				
	*SW1/4 NE1/4	27	40.00	Sur 0% Min 100%				
	3W 1/4 NE 1/4	21	40.00	Sur 0%				
172				25 070	40			
	*NW1/4 NW1/4	27	40.00	Min 100%				
				Sur 0%				
N-173	*NE4/4 0E4/4				160			
	*NE1/4 SE1/4	27	40.00	Min 100%				
	*NW1/4 SE1/4	27	40.00	Sur 0% Min 100%				
		21	70.00	Sur 0%				
	*SE1/4 SE1/4	27	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SE1/4	27	40.00	Min 100%				
				Sur 0%				
N-174	*SE1/4 SW1/4	0.7	40.00	Min 4000/	80			
	3L 1/4 3W 1/4	27	40.00	Min 100% Sur 0%				
	I	I	l	Jui 0 /0		I	1	I

## **Mineral Auction Catalog**

Offering Number	Description Oil And Gas Ecase At	Sec-	Lease Acres	-	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Number	T	LIOIT	ACIES	Lquity	ACIES	Number	Diu 	Diu
	Arenac County T20N R06E							
N-174	(Continued)							
	*SW1/4 SW1/4	27	40.00	Min 100%				
				Sur 0%				
N-175	*NE1/4 SE1/4	20	40.00	Min 100%	80			
	NE 1/4 SE 1/4	28	40.00	Sur 0%				
	*SE1/4 SE1/4	28	40.00	Min 100%				
				Sur 0%				
N-176	*NE1/4 SE1/4	04	40.00	Mir. 4000/	120			
	*NE1/4 SE1/4	31	40.00	Min 100% Sur 0%				
	*NW1/4 SE1/4	31	40.00	Min 100%				
				Sur 0%				
	*SW1/4 SE1/4	31	40.00	Min 100%				
177				Sur 0%	80			
177	*NE1/4 NE1/4	32	40.00	Min 100%				
				Sur 0%				
	*NW1/4 NE1/4	32	40.00	Min 100%				
N-178				Sur 0%	80			
14 170	*SE1/4 NE1/4	32	40.00	Min 100%				
				Sur 0%				
	*SW1/4 NE1/4	32	40.00	Min 100% Sur 0%				
N-179				301 076	40			
	*NE1/4 SE1/4	32	40.00	Min 100%				
				Sur 0%				
180	*SE1/4 SW1/4	33	40.00	Min 100%	40			
	52,7,5,7,7,		10.00	Sur 0%				
N-181					160			
	*NE1/4 NE1/4	34	40.00	Min 100%				
	*NW1/4 NE1/4	34	40.00	Sur 0% Min 100%				
				Sur 0%				
	*SE1/4 NE1/4	34	40.00	Min 100%				
	*SW1/4 NE1/4	24	40.00	Sur 0%				
	OW I/T NE I/T	34	40.00	Min 100% Sur 0%				
N-182				1,0	160			
	*NE1/4 NW1/4	34	40.00	Min 100%				
	*NW1/4 NW1/4	24	40.00	Sur 0%				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34	40.00	Min 100% Sur 0%				
	*SE1/4 NW1/4	34	40.00	Min 100%				
				Sur 0%				

## **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Arenac County T20N R06E							
N-182	(Continued) *SW1/4 NW1/4	34	40.00	Min 100% Sur 0%				
183	*NE1/4 SE1/4	34	40.00	Min 100% Sur 0%				
	*SE1/4 SE1/4	34	40.00	Min 100% Sur 0%				
N-184	*NW1/4 SE1/4	34	40.00	Min 100% Sur 0%				
	*SW1/4 SE1/4	34	40.00	Min 100% Sur 0%				
185	*NE1/4 SW1/4	34	40.00	Min 100% Sur 0%				
	*NW1/4 SW1/4	34	40.00	Min 100% Sur 0%				
	*SW1/4 SW1/4	34	40.00	Min 100% Sur 0%				
N-186	*SE1/4 SW1/4	34	40.00	Min 100% Sur 0%				
187	*NW1/4 NE1/4	35	40.00	Min 100% Sur 0%				
188	*SE1/4 NW1/4	35	40.00	Min 100% Sur 0%				
	*SW1/4 NW1/4	35	40.00	Min 100% Sur 0%				
N-189	*NE1/4 NE1/4	35	40.00	Min 100% Sur 0%				
	*NW1/4 NW1/4	35	40.00	Min 100% Sur 0%				
190	*NE1/4 SW1/4	35	40.00	Min 100% Sur 0%				
	*NW1/4 SW1/4	35	40.00	Sur 0% Min 100% Sur 0%				
	*SE1/4 SW1/4	35		Min 100% Sur 0%				
	*SW1/4 SW1/4	35	40.00	Min 100% Sur 0%				

Offering	Oil Alla Gas Lease At	Sec-	Lease	<u> </u>	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Charlevoix County							
	T32N R05W							
N-191	*NE1/4 SE1/4	31	40.00	Min 100%	80			
	Subject to existing easements.	31	40.00	Sur 100%				
	*SE1/4 SE1/4	31	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-192					160			
	NE1/4 NE1/4	32	40.00	Min 100%				
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			Sur 100%				
	NW1/4 NE1/4	32	40.00	Min 100%				
	SE1/4 NE1/4	32	40.00	Sur 100% Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 NE1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-193					160			
	NE1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100%				
				Sur 100%				
	NW1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100%				
				Sur 100%				
	SE1/4 NW1/4 Subject to existing easements.	32	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4	00	40.00					
	Subject to existing easements.	32	40.00	Min 100% Sur 100%				
N-194					160			
N- 194	NE1/4 SE1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SE1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 SE1/4	32	40.00	Min 100%				
	0.004/4.054/4		40.00	Sur 100%				
	SW1/4 SE1/4	32	40.00	Min 100% Sur 100%				
195				- Jul 100 /6	120			
15	N1/2 N1/2 SW1/4	32	40.00	Min 100%				
				Sur 100%				
15	SE1/4 SW1/4	32	40.00	Min 100%				
15	SW1/4 SW1/4	32	40.00	Sur 100% Min 100%				
.0		52	.0.00	Sur 100%				
196					80			
15	NW1/4 NE1/4	33	40.00	Min 100%				
15	SW1/4 NE1/4	20	40.00	Sur 100%				
15	3vv 1/4 INE 1/4	33	40.00	Min 100% Sur 100%				
	1	I	l	Jul   100 /0	l	I	I	I

Offering Number	Description Description	Sec-	Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County							
	T32N R05W							
N-197					80			
	NE1/4 NE1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 NE1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-198					160			
	NE1/4 NW1/4	33	40.00	Min 100%				
	NW1/4 NW1/4	22	40.00	Sur 100%				
	100V 1/4 10VV 1/4	33	40.00	Min 100% Sur 100%				
	SE1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
	SW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
N-199					160			
	NE1/4 SE1/4	33	40.00	Min 100%				
	NW1/4 SE1/4	33	40.00	Sur 100% Min 100%				
	111111111111111111111111111111111111111	33	+0.00	Sur 100%				
	SE1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
N-200	NE1/4 SW1/4	00	40.00	N4:- 4000/	160			
	NE 1/4 3W 1/4	33	40.00	Min 100% Sur 100%				
	NW1/4 SW1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	SE1/4 SW1/4	33	40.00	  Min 100%				
	Subject to existing easements.			Sur 100%				
	SW1/4 SW1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	Charlevoix County							
	T32N R06W							
N-201					60			
	*E1/2 W1/2 SE1/4 SE1/4	2	10.00	Min 100%				
	Subject to existing easements.			Sur 0%				
	*N1/2 N1/2 of a parcel of land described as	2	10.00	Min 100%				
	commencing at a point 20 rods E of SW corner of S1/2 SE1/4, thence E on section line 80 rods;			Sur 0%				
	N 80 rods, W 80 rods S 80 rods to beginning							
	*S1/2 N1/2 of parcel commencing 20 rods East	2	10.00	Min 100%				
	of SW corner of S1/2 SE1/4 running East on Section line 80 rods, North 80 rods, West 80			Sur 0%				
	rods, South 80 rods to beginning.							
	Subject to existing easements.							
	I	I	l	I	l	I	I	I

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County T32N R06W							
N-201	(Continued) *S1/2 of a parcel of land commencing at a point 20 rods E of SW corner of S1/2 SE1/4, thence E on section line 80 rods; thence N 80 rods, W 80 rods; S 80 rods to beginning	2	20.00	Min 100% Sur 0%				
	*W1/2 W1/2 SW1/4 SE1/4	2	10.00	Min 100% Sur 0%				
<b>202</b> 15	*Part of S1/2 SW1/4, commmencing at a point 80 rods E of SW corner of section, thence, E 20 rods; N 40 rods, W 20 rods, S 40 rods to beginning	2	5.00	Min 100% Sur 0%				
N-203	*Commencing at a point on Pleasant Valley Road on West side thereof where South line of N1/2 of SW1/4 intersects said road, thence West 16 rods, thence Northwest parallel with said road 10 rods, thence East 16 rods to West side of said road, thence SE along West side of said road to place of beginning.	2	1.00	Min 100% Sur 0%				
N-204	*SE1/4 SE1/4	3	40.00	Min 100% Sur 0%				
	*SW1/4 SE1/4	3	40.00	Min 100% Sur 0%				
N-205	*Commencing at NE corner of SW 1/4 NE1/4, thence S 40 rods, W 48 rods, N 40 rods, thence 48 rods to beginning	4	12.00	Min 100% Sur 0%				
	*SW1/4 NE1/4 except 7 acres commencing at NE corner of SW1/4 NE1/4 W on N line of said desribed 20 rods to beginning, thence S parallel to E 8th line 40 rods to a stake W at right angles 28 rods, N 40 rods to line of SW1/4 NE1/4, E on said line 28 rods to beginning, containing 7 acres more or less, also commencing at NE corner of SW1/4 NE1/4, S on 8th line 40 rods, W at right angles 20 rods, N at right angles 40 rods to N line of SW1/4 NE1/4, E on said line 20 rods to beginning. Containing 5 acres more or less	4	28.00	Min 100% Sur 0%				
N-206	*SE1/4 NW1/4	4	40.00	Min 100% Sur 0%				
N-207	*SE1/4 SW1/4	4	40.00	Min 100%	80			
	*SW1/4 SW1/4	4	40.00	Sur 0% Min 100% Sur 0%				
N-208	*S1/2 NW1/4 NW Frac'l 1/4	5	22.00	Min 100% Sur 0%				

### **Mineral Auction Catalog**

Offering	Oil And Gas Lease At	Sec-  Lease   Bid   Bidder   Per Acre   Total								
Number	Description			Equity	Acres	Number	Bid	Bid		
	Charlevoix County									
	T32N R06W									
N-209	*S1/2 NE1/4 NE Frac'l 1/4	6	22.00	Min 100% Sur 0%						
	*SE1/4 NE1/4	6	40.00	Min 100% Sur 0%						
	*West 15 acres of N1/2 NE1/4 NE1/4	6	15.00	Min 100% Sur 0%						
N-210	*SE1/4 NE1/4	9	40.00	Min 100% Sur 100%						
N-211	*NE1/4 NE1/4	10		Min 100% Sur 0%						
	*NW1/4 NE1/4	10	40.00	Min 100% Sur 0%						
N-212	*SW1/4 NW1/4 excepting and reserving unto the State of Mich. an easement for public fishing and rights incident thereto in, over and upon a strip of land 100 ft wide lying 50 ft on each side of and adjacent to the thread of Porter Creek, insofar as said creek traverses the above conveyed premises.	10	40.00	Min 100% Sur 0%						
N-213	*SE1/4 SE1/4	10	40.00	Min 100% Sur 0%						
N-214	*NE1/4 NW1/4	11	40.00	Min 100% Sur 0%						
N-215	*W1/2 SW1/4 SW1/4	11	20.00	Min 100% Sur 0%						
N-216	*NW1/4 NE1/4	12	40.00	Min 100% Sur 0%						
N-217	*NE1/4 SE1/4	12	40.00	Min 100% Sur 0%						
	*NW1/4 SE1/4	12	40.00	Min 100% Sur 0%						
N-218	*NW1/4 SW1/4	12	40.00	Min 100% Sur 0%						

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County T32N R06W  Comm. at a T-Iron stake at the W 1/4 corner of Sec. 13; thence N 88Degrees 22M 42S E along the E & W 1/4 line of said Sec. as monumented and perpetuated by Mary C. Feindt, L.L.S., 2631.50 ft. to a 1/2 inch rod at the center 1/4 corner of said section; thence S 88Degrees 47M 13S E 175.19 ft. along said 1/4 line as monumented, toa point in the centerline of the Boyne City-East Jordan Road as existing; thence S'ly on said centerline along the arc of a curve to the left 61.23 ft. (radius of said curve is 1155.35 ft., the centralangle is 3Degrees 02M 12S and the chord bears S 34Degrees 57M 48S E 61.23 ft.) being the P.O.B. of this desc.; thence S 88Degrees 47M 13S E parallel with said 1/4 line along the S'ly line of the Donald and Marjorie Ann Dawkins property as recorded in Deed, Liber 282, Page 601, Charlevoix Co. Records, 63.42 ft. to a 3/4 inch pipe on the NE'ly line of said road; thence cont. S 88Degrees 47M 13S E along said Dawkins property, 582.87 ft. to a 3/4 inch pipe on the shore of Deer Lake; thence S 48Degrees 30M 28S E along said shore 243.52 ft.; thence cont. along said shore S 18Degrees 11M 19S E 252.33 ft. to a point on the N'ly bank of the canal; thence S 65Degrees 28M 41S W along said canal 99.68 ft.; thence N 45Degrees 23M 19S W along said canal 551.70 ft.; thence S 89Degrees 29M 41S W along said canal, 119.05 ft.; thence S 44Degrees 37M 19S E along s aid canal, 76.44 ft.; thence S 53Degrees 15M 19S E along said canal, 76.44 ft.; thence S 53Degrees 15M 19S E along said canal, 118.80		Acres	Equity  Min 75% Sur 0%	Acres 3			
	46Degrees 15M 19S E along said canal, 118.80 ft. to a 1/2 inch rod; th ence S 43Degrees 44M 41S W (recorded as S 44Degrees 55M W) along the N'l y line of the Mary Bourget property as recorded in Liber 262, Page 297, Charlevoix Co. Records, 119.52 ft. to a 1/2 inchrod on the NE'ly line o f said road; thence cont. S 43Degrees 44M 41S W (recorded as S 44Degrees 55M W) along said Bourget property 49.51 ft. to the centerline of said r oad; thence N 45Degrees 17M 19S W along said centerline, 575.94 ft.; the nce cont. along said centerline on the arc ofa curve to the right 177.5 9 ft. (radius of said curve is 1155.35 ft., the central angle is 8Degrees 48M 25S and the chord bears N							
N-220	40Degrees 53M 06S W 177.41 ft.) to P.O.B.  *NE1/4 SW1/4	13	40.00	Min 100%	80			
	*SE1/4 SW1/4	13	40.00	Sur 0% Min 100% Sur 0%	,			
N-221	*SW1/4 NW1/4	14	40.00	Min 100% Sur 0%	40			

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County	1	7.0.00		1.0.00		1	1
	T32N R06W							
N-222					120			
	*NE1/4 SE1/4	14	40.00	Min 100%				
	********			Sur 0%				
	*NW1/4 SE1/4	14	40.00	Min 100% Sur 0%				
	*SW1/4 SE1/4	14	40.00	Min 100%				
				Sur 0%				
N-223					120			
	*NE1/4 SW1/4	14	40.00	Min 100%				
	*SE1/4 SW1/4	11	40.00	Sur 0%				
	SE 1/4 SW 1/4	14	40.00	Min 100% Sur 0%				
	*SW1/4 SW1/4	14	40.00	Min 100%				
				Sur 0%				
224					20			
15	*W1/2 NE1/4 NE1/4	15	20.00	Min 100%				
N-225				Sur 0%	100			
N-223	*NW1/4 NE1/4	15	40.00	Min 100%				
				Sur 0%				
	*SW1/4 NE1/4	15	40.00	Min 100%	1			
	**************************************			Sur 0%				
	*W1/2 SE1/4 NE1/4	15	20.00	Min 100% Sur 0%				
226				3ui 070	40			
15	*NE1/4 NW1/4	15	40.00	Min 100%				
				Sur 0%				
N-227					40			
	*SE1/4 NW1/4	15	40.00	Min 100%				
N-228				Sur 0%	80			
IN-220	*NE1/4 SE1/4	15	40.00	Min 100%				
				Sur 0%				
	*NW1/4 SE1/4	15	40.00	Min 100%				
NI 000				Sur 0%				
N-229	*SE1/4 SW1/4	18	40 00	Min 100%	40			
			.0.00	Sur 0%				
N-230					1			
	*Beginning at iron stake 140.28 feet North of iron stake at E1/4 corner section 19 thence	19	1.00	Min 100%				
	continue North 82 feet thence West parallel with			Sur 0%				
	East and West 1/4 line said section to Northeasterly line of County Road thence							
	Southeasterly along East boundary line said							
	road to iron stake which is 424.13 feet West of POB thence East to POB being part of SE1/4 of							
	NE1/4							

Offering Number	Description	Sec- tion	Lease Acres	Equity		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County T32N R06W								
N-231	*NE1/4 NW1/4	19	40.00	Min 10	00% 0%	64			
	*NW1/4 NW1/4	19	23.77	Min 10					
N-232	*NW1/4 SE1/4	20	40.00	Min 10 Sur	00% 0%	40			
N-233	*NE1/4 SW1/4	20	40.00	Min 10		40			
<b>234</b> 15	*NE1/4 NE1/4	23	40.00	Min 10 Sur	0% 0%	40			
N-235	*SE1/4 NE1/4	23	40.00	Min 10 Sur	00% 0%	80			
	*SW1/4 NE1/4	23	40.00	Min 10					
<b>236</b> 15	*NE1/4 NW1/4	23	40.00	Min 10 Sur	00% 0%	40			
N-237	*SE1/4 NW1/4	23	40.00	Min 10 Sur	0% 0%	40			
<b>238</b> 15	*S1/2 NW1/4 SW1/4	23	20.00	Min 10 Sur	00% 0%	20			
<b>239</b> 15	*NW1/4 NW1/4	24	40.00	Min 10 Sur	0% 0%	40			
N-240	*N1/2 NW1/4 SE1/4	24	20.00	Min 10 Sur	0% 0%	20			
N-241	*SE1/4 NW1/4 Subject to existing easements.	25	40.00	Min 10 Sur	00% 0%	80			
	*SW1/4 NW1/4 excepting and reserving unto the State of Michigan an easement for pubic fishing and rights incident thereto in, over and upon a strip of land 200 feet wide lying 100 feet each side of and adjacent to the thread of Deer Creek, insofar as said creek traverses the said premises, also subject to an easement to the State over a piece of land 1 rod wide on the W side of the herein described parcel, running from the N line to Deer Creek	25	40.00	Min 10 Sur	0% 0%				

Offering	Oil And Gas Lease Ai		Lease	day Dece	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Charlevoix County							
	T32N R06W							
<b>242</b> 15	*Part of NE1/4 NW1/4 within a parcel of land described as follows: Commencing 54rods N of SW corner of NW frl 1/4 th N 53 rods E 128 1/2 rods, th S 53 rods, thW 128 1/2 rods to POB	30	8.17	Min 100% Sur 0%	86			
15	*Part of NW1/4 NW1/4 in a parcel of land desc. as follows: Comm 54 rds N of SW corner of NW Frac'l 1/4, th N 53 rds, E 128.5 rds, th S 53 rds, th W 128.5 rds to POB	30	13.48	Min 100% Sur 0%				
15	*Part of SE1/4 NW1/4 in a parcel of land comm at SW corner of NW1/4, th N 54 rods, E 128.5 rods, S 54 rds, W 128.5 rods to POB	30	16.36	Min 100% Sur 0%				
15	*Part of SE1/4 NW1/4 in a parcel of land desc. as follows: Comm 54 rds N of SW corner of NW Frac'l 1/4, th N 53 rds, E 128.5 rds, th S 53 rds, th W 128.5 rds to POB	30	7.89	Min 100% Sur 0%				
15	*Part of SW1/4 NW1/4 in a parcel of land comm. at the SW corner of NW1/4, th N 54 rods; E 128 1/2 rods; S 54 rods; W 128 1/2 rods to beg.	30	27.00	Min 100% Sur 0%				
15	*Part of SW1/4 NW1/4 in a parcel of land desc. as follows: Comm 54 rds N of SW corner of NW Frac'l 1/4, th N 53 rds, E 128.5 rds, th S 53 rds, th W 128.5 rds to POB	30	13.00	Min 100% Sur 0%				
243	*Beg at NW cor of SW1/4 of NW1/4 th S on W sec li 600 ft for POB th S 100 ft th E 800 ft th N 250 ft th W 600 ft th S 150 ft th W 200 ft to POB being part of SW1/4 of NW1/4	31	3.90	Min 100% Sur 0%	4			
<b>244</b> 15	*N 1/2 of the following described parcel: Commencing at the N line of section 36 659.30 feet W of NE corner of said section th S parallel with E line of said section 659.95 feet th E parallel with N 1/8 line of said section 330 feet being POB th N parallel with E line of said section 660 feet m/l to N line of said section th E'ly along N line of said section to NE corner of said section th S'ly along E line of said section 661.82 feet th W'ly to POB being part of NE1/4 NE1/4	36	2.50	Min 100% Sur 0%	3			
	Charlevoix County							
	T32N R07W							
N-245	*S 16 acres of Govt Lot 5 in SW1/4 SE Frac'l 1/4 Subject to existing easements.	3	16.00	Min 100% Sur 100%	16			
N-246	*NW1/4 NW1/4	5	52.85	Min 100% Sur 0%	53			
N-247	*NW1/4 NE1/4	6	52.49	Min 100% Sur 0%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County T32N R07W							
N-247	(Continued) *SW1/4 NE1/4	6	40.00	Min 100% Sur 0%				
<b>248</b> 15	*NW1/4 NW1/4	6	55.58	Min 100% Sur 0%	100			
15	*SW1/4 NW1/4	6	44.36	Min 100% Sur 0%				
N-249	*NE1/4 SE1/4	12	40.00	Min 100%	80			
	*NW1/4 SE1/4	12	40.00	Sur 0% Min 100% Sur 0%				
N-250	*NE1/4 SE1/4	13	40.00	Min 100% Sur 0%	40			
N-251	*NW1/4 SW1/4	13	40.00	Min 100% Sur 0%	40			
N-252	*A parcel of land beginning at NW corner of S1/2 NE1/4, section 24, thence S 30 rods, E 55 rods, N 30 rods, W 55 rods to beginning	24	10.00	Min 100% Sur 0%	11			
	*Beginning at the SW corner of NW1/4 NE1/4 East 10 rods, North 16 rods West 10 rods, South 16 rods to beginning.	24	1.00	Min 100% Sur 0%				
N-253	*Parcel com. at point 79 rods E and 31.158 rods N of SW corner of SE1/4, th N 271/2 rods, W 16.03 rods, S 101/2 rods to center of Boyne Falls State Road, th SE'ly in center of highway to beg. (SW1/4 SE1/4)	24	2.00	Min 100% Sur 0%				
	*Part of SE1/4 beginning at intersection of sec. line common to 24 and 25 with East 1/8 line sec. 24, North on 1/8 line to center of Deer Lake Road North 40d West in center of road 252 feet South 2d West 544 feet to Sec. line, East on Sec. line to beginning.	24	2.12	Min 100% Sur 0%				
N-254	*Part of NW1/4 of SW1/4 commencing at a point 30 feet North from intersection of a continuation East of North line of Ash Street with East line of Elm Street, Bowen's Addition, North 60 feet, East 120 feet, South 60 feet, West 120 feet to beginning.	24	0.17	Min 100% Sur 100%				
	*Section 24 Com 190 ft S of NW cor of SW 1/4 of SW1/4 Sec. 24 E 120 ft S 70 ft W 120 ft N 70 ft to POB Part SW 1/4 of SW 1/4.	24	0.19	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offerin	Oii Ailu Gas Lease Au						Dor Ass	Total
Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
_	Charlevoix County T32N R07W							
255	*SW1/4 NE1/4	25	40.00	Min 100% Sur 0%	40			
N-256	*E1/2 NE1/4 NE1/4	25	20.00	Min 100% Sur 0%	30			
	*SW1/4 NE1/4 NE1/4	25	10.00	Min 100% Sur 0%				
N-257	*Com at NE cor of N1/2 NE1/4 SW1/4 th S 330 ft th W 147 ft th N 330 ft th E 147 ft to POB	25	1.11	Min 100% Sur 0%	2			
<b>N-258</b> 39	That part SE1/4 SE1/4, desc as beg at a pt on S line of Sec 26, 990 ft W of SE cor, th N 208.71 ft, th W to thread of Jordan River, th S'ly along thread of said river to S line of Sec 26, th E along S line of Sec 26 to pt of beg, meaning to desc a small parcel of land approx 1 sq acre, located in SW corner of that part SE1/4 SE1/4 lying E of Jordan River. Subject to existing easements.	26	1.00	Min 100% Sur 100%				
259	*E1/2 SW1/4 NE1/4	28	20.00	Min 100% Sur 0%	20			
N-260	*NW1/4 NW1/4	29	40.00	Min 100% Sur 0%	40			
N-261	Part of Govt Lot 2 described as beg. at a point on E line of Govt Lot 2, 660 ft S of NE corner, thence South along said East line 300 feet, thence West at right angles to said East line 150 feet more or less to shore of Six Mile Lake, thence Northerly along shore to a point West of beginning, thence East at right angles to said East line of Gov't Lot 2, 150 feet more or less to point of beginning.	31	1.00	Min 100% Sur 100%				
N-262	*Beg at a point 1420 feet E of W boundary line of Sec. 32 & 330 feet N of S boundary of said sec & run N 330 feet, E 660 feet, S 330 feet, W 660 feet to POB	32	5.00	Min 100% Sur 0%	11			
	*Beg at S 1/8 cor on W li of Sec 32 T32N R7W, th S alg sd Sec li 800 ft th E par wi S 1/8 li of sd Sec 300 ft, to N par wi sd Sec li 800 ft to S 1/8 li of sd Sec th W on sd 1/8 li 300 ft to POB ex that pt ly W of Co Rd (Now in Thorsen's Subd). Being a part of SW1/4 of SW1/4 Sec 32 T32N R7W Sec 32	32	5.50	Min 100% Sur 0%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Charlevoix County T33N R04W							
<b>263</b> 15	NW1/4 NE1/4	36	40.00	Min 10				
15	SE1/4 NE1/4	36	40.00	Sur 10 Min 10 Sur 10	0%			
N-264	NE1/4 NE1/4	36	40.00	Min 10 Sur 10	40 0%			
<b>265</b> 15	SE1/4 NW1/4	36	40.00	Min 10 Sur 10				
15	SW1/4 NW1/4	36	40.00	Min 10				
<b>266</b> 15	NE1/4 SE1/4	36	40.00	Min 10 Sur 10				
N-267	NW1/4 SE1/4 except 10 acres commencing at NW corner of SE1/4 running E 80 rods S to laid out highway about 36 to 40 rods, thence angling NW along road to beginning	36	30.00	Min 10 Sur 10				
	SE1/4 SE1/4	36	40.00	Min 10 Sur 10				
	SW1/4 SE1/4	36	40.00	Min 10 Sur 10	0%			

# **Mineral Auction Catalog**

Offering Number	Description Description	Sec-	Lease		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County T33N R03W							
	I SON RUSVV				400			
<b>268</b> 15	NE1/4 NE1/4	19	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4	19	40.00	Min 100% Sur 100%				
15	SE1/4 NE1/4	19	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4	19	40.00	Min 100% Sur 100%				
<b>269</b> 15	NE1/4 NW1/4	19	40.00	Min 100%	152			
15	NW1/4 NW1/4	19		Sur 100% Min 100%				
15	SE1/4 NW1/4	19	40.00	Sur 100% Min 100%				
15	SW1/4 NW1/4	19	35.97	Sur 100% Min 100% Sur 100%				
270				34. 10070	120			
15 19	NW1/4 SE1/4	19	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4	19	40.00	Min 100% Sur 100%				
15	SW1/4 SE1/4	19	40.00	Min 100% Sur 100%				
N-271	NE1/4 SE1/4	19	40.00	Min 100% Sur 100%				
<b>272</b> 15 19	NE1/4 SW1/4	19	40.00	Min 100% Sur 100%				
15 19	NW1/4 SW1/4	19	36.06	Min 100% Sur 100%				
15	SE1/4 SW1/4	19	40.00	Min 100% Sur 100%				
15 19	SW1/4 SW1/4	19	36.15	Min 100% Sur 100%				
<b>273</b> 15	NE1/4 NE1/4	20	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4	20	40.00	Min 100% Sur 100%				
15	SE1/4 NE1/4	20	40.00	Min 100% Sur 100%				
15	SW1/4 NE1/4	20	40.00	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County			1. 7			<u> </u>	
	T33N R03W							
274					160			
15	NE1/4 NW1/4	20	40.00	Min 100%				
				Sur 100%				
15	NW1/4 NW1/4	20	40.00	Min 100%				
15	SE1/4 NW1/4	20	40.00	Sur 100% Min 100%				
.0		20	10.00	Sur 100%				
15	SW1/4 NW1/4	20	40.00	Min 100%				
				Sur 100%				
275					160			
15 19	NE1/4 SE1/4	20	40.00	Min 100%				
15	NW1/4 SE1/4	20	40.00	Sur 100% Min 100%				
19	1WV 1/4 GE 1/4	20	40.00	Sur 100%				
33 15	SE1/4 SE1/4	20	40.00	Min 100%				
19		20	40.00	Sur 100%				
15	SW1/4 SE1/4	20	40.00	Min 100%				
19				Sur 100%				
276					160			
15	NE1/4 SW1/4	20	40.00	Min 100%				
15	NW1/4 SW1/4	20	40.00	Sur 100%				
19	1000 1/4 300 1/4	20	40.00	Min 100% Sur 100%				
15	SE1/4 SW1/4	20	40.00	Min 100%				
19				Sur 100%				
15	SW1/4 SW1/4	20	40.00	Min 100%				
19				Sur 100%				
277			40.00		80			
15 19	NE1/4 NE1/4	29	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4	29	40.00	Min 100%				
19			10.00	Sur 100%				
N-278					80			
	SE1/4 NE1/4	29	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE1/4	29	40.00	Min 100%				
270				Sur 100%	160		-	
<b>279</b> 15	NE1/4 NW1/4	29	40.00	Min 100%				
			10.00	Sur 100%				
15	NW1/4 NW1/4	29	40.00	Min 100%				
19				Sur 100%				
33	SE1/4 NW1/4	29	40.00	Min 100%				
4-	CMA/A NIMA/A	2.5	40.55	Sur 100%				
15 19	SW1/4 NW1/4	29	40.00	Min 100%				
. •	1			Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County T33N R03W							
N-280	NE1/4 SE1/4	29	40.00	Min 100%	160			
	NW1/4 SE1/4	29	40.00	Sur 100% Min 100% Sur 100%				
	*SE1/4 SE1/4	29	40.00	Min 100% Sur 100%				
	SW1/4 SE1/4	29	40.00	Min 100% Sur 100%				
<b>281</b> 15	NE1/4 SW1/4	29	40.00	Min 100% Sur 100%				
15	NW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
15 19	SW1/4 SW1/4	29	40.00	Min 100% Sur 100%				
N-282	SE1/4 SW1/4	29	40.00	Min 100% Sur 100%	40			
<b>283</b> 15 19	NE1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15	NW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15 19	SE1/4 NE1/4	30	40.00	Min 100% Sur 100%				
15 19	SW1/4 NE1/4	30	40.00	Min 100% Sur 100%				
<b>284</b> 15	NE1/4 NW1/4	30	40.00	Min 100% Sur 100%	153			
15 19	NW1/4 NW1/4	30	36.18	Min 100% Sur 100%				
15 19	SE1/4 NW1/4	30	40.00	Min 100% Sur 100%				
15	SW1/4 NW1/4	30	36.14	Min 100% Sur 100%				
<b>285</b> 15 19	NE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15	NW1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15 19	SE1/4 SE1/4	30	40.00	Min 100% Sur 100%				
15 19	SW1/4 SE1/4	30	40.00	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County						<u></u>	
	T33N R03W							
286					153			
15	NE1/4 SW1/4	30	40.00	Min 100%				
19				Sur 100%				
15	NW1/4 SW1/4	30	36.08	Min 100%				
				Sur 100%				
15 19	SE1/4 SW1/4	30	40.00	Min 100%				
	0)4/4/0)4/4			Sur 100%				
15	SW1/4 SW1/4	30	36.04	Min 100%				
				Sur 100%				
<b>287</b> 15	NE1/4 NE1/4	31	40.00	Min 100%	160			
19	INC 1/4 INC 1/4	31	40.00	Sur 100%				
15	NW1/4 NE1/4	31	40.00	Min 100%				
		"	.0.00	Sur 100%				
15	SE1/4 NE1/4	31	40.00	Min 100%				
19				Sur 100%				
15	SW1/4 NE1/4	31	40.00	Min 100%				
19				Sur 100%				
288					155			
15	NE1/4 NW1/4	31	40.00	Min 100%				
19				Sur 100%				
15	NW1/4 NW1/4	31	36.58	Min 100%				
				Sur 100%				
15 19	SE1/4 NW1/4	31	40.00	Min 100%				
	0)4/4/4 4)14/4/4			Sur 100%				
15	SW1/4 NW1/4	31	37.75	Min 100%				
				Sur 100%				
<b>289</b> 33	NW1/4 SE1/4	31	40.00	Min 100%	80			
33	100 1/4 SE 1/4	31	40.00	Sur 100%				
33	SW1/4 SE1/4	31	40.00	Min 100%				
		"	10.00	Sur 100%				
290				10070	159			
15	NE1/4 SW1/4	31	40.00	Min 100%				
				Sur 100%				
15	NW1/4 SW1/4	31	38.92	Min 100%				
				Sur 100%				
33	SE1/4 SW1/4	31	40.00	Min 100%				
				Sur 100%				
15	SW1/4 SW1/4	31	40.08	Min 100%				
				Sur 100%				
N-291	***************************************				40			
	*NW1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%			-	
<b>292</b>	*SE1/4 NIN/1/4	20	40.00	Min 40004	40			
15	*SE1/4 NW1/4	32	40.00	Min 100%				
	1	l		Sur 100%			[	1

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Cheboygan County							
	T34N R02W							
293	***************************************				160			
	*NE1/4 NE1/4	34	40.00	Min 100% Sur 100%				
	*NW1/4 NE1/4	34	40 00	Min 100%				
			10.00	Sur 100%				
	*SE1/4 NE1/4	34	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NE1/4	34	40.00	Min 100%				
				Sur 100%				
294	*NE1/4 NW1/4	34	40.00	Min 100%	80			
	NE 1/4 NVV 1/4	34	40.00	Sur 100%				
	*SE1/4 NW1/4	34	40.00	Min 100%				
			.0.00	Sur 100%				
N-295					80			
23	*NW1/4 NW1/4	34	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
23	*SW1/4 NW1/4	34	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
296					160			
	*NE1/4 SE1/4	34	40.00	Min 100%				
	***************************************		40.00	Sur 100%				
	*NW1/4 SE1/4	34	40.00	Min 100%				
	*SE1/4 SE1/4	34	40 00	Sur 100% Min 100%				
		04	40.00	Sur 100%				
	*SW1/4 SE1/4	34	40.00	Min 100%				
				Sur 100%				
297					40			
	*NW1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%				
	Cubject to existing cusements.			Sur 100%				
N-298	***************************************				120			
23	*NE1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
23	*SE1/4 SW1/4 Subject to existing easements.	34	40.00	Min 100%				
				Sur 100%				
	*SW1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Clare County							
	T20N R06W							
N-305					40			
6	*NE1/4 SE1/4	15	40.00	Min 100%				
				Sur 100%				
N-306					80			
6	*NW1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NW1/4	23	40.00	Min 100%				
				Sur 100%				
N-307	*******				80			
	*NW1/4 SE1/4 Subject to existing easements.	23	40.00	Min 100%				
	Cubject to existing easements.			Sur 100%				
	*SW1/4 SE1/4	23	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-308					160			
	*NE1/4 NW1/4	24	40.00	Min 100%				
				Sur 100%	1			
	*NW1/4 NW1/4	24	40.00	Min 100%				
				Sur 100%				
	*SE1/4 NW1/4	24	40.00	Min 100%	1			
				Sur 100%				
	*SW1/4 NW1/4	24	40.00	Min 100%				
				Sur 100%				
N-309					160			
	*NE1/4 SW1/4	24	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	24	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SW1/4	24	40.00	Min 100%				
	********			Sur 100%				
	*SW1/4 SW1/4	24	40.00	Min 100%				
		1		Sur 100%				1

Offering Number	Description		Lease Acres	-	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County T25N R04W							
N-310	*NW1/4 SW1/4	4	40.00	Min 100% Sur 0%				
N-311	*NW1/4 SE1/4	5	40.00	Min 100% Sur 0%	120			
4	*SE1/4 SE1/4	5	40.00	Min 100% Sur 0%				
4	*SW1/4 SE1/4	5	40.00	Min 100% Sur 0%				
N-312	*NE1/4 SW1/4	5	40.00	Min 100% Sur 0%	40			
	Crawford County T26N R04W							
N-313	*NE1/4 NE1/4	36	40.00	Min 100%				
4	*NW1/4 NE1/4	36	40.00	Sur 0% Min 100% Sur 0%				
4	*SE1/4 NE1/4	36	40.00	Min 100% Sur 0%				
4	*SW1/4 NE1/4	36	40.00	Min 100% Sur 0%				
N-314	*NE1/4 NW1/4	36	40.00	Min 100% Sur 0%	160			
4	*NW1/4 NW1/4	36	40.00	Min 100% Sur 0%				
4	*SE1/4 NW1/4	36	40.00	Min 100% Sur 0%				
4	*SW1/4 NW1/4	36	40.00	Min 100% Sur 0%				
N-315	*NE1/4 SE1/4	36	40.00	Min 100% Sur 0%				
4	*NW1/4 SE1/4	36	40.00	Min 100% Sur 0%				
4	*SE1/4 SE1/4	36	40.00	Min 100% Sur 0%				
4	*SW1/4 SE1/4	36	40.00	Min 100% Sur 0%				
	Crawford County T27N R01W							
<b>316</b> 5	NE1/4 NW1/4 Subject to existing easements.	6	23.47	Min 100% Sur 100%				

Offering	Oil Alla Gas Lease At	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Crawford County							
	T27N R01W				160			
<b>317</b> 5	*NE1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%	160			
5	NW1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%				
5	SE1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%				
5	*SW1/4 SE1/4 Subject to existing easements.	6	40.00	Min 100% Sur 100%				
<b>318</b> 5	SE1/4 SW1/4 Subject to existing easements.	6	31.63	Min 100% Sur 100%	32			
N-319	*NE1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%	160			
4	*NW1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
4	*SE1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
4	*SW1/4 NE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
N-321					160			
4	*NE1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
4	*NW1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
4	*SE1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
4	*SW1/4 SE1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
N-322 4	*NE1/4 SW1/4 Subject to existing easements.	7	26.21	Min 100% Sur 100%	51			
4	*SE1/4 SW1/4 Subject to existing easements.	7	24.52	Min 100% Sur 100%				
N-323	NE1/4 NW1/4 Subject to existing easements.	18	22.84	Min 100% Sur 100%	44			
4	SE1/4 NW1/4 Subject to existing easements.	18	21.15	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County							
N 224	T27N R02W				131			
<b>N-324</b> 4	NE1/4 NE1/4 Subject to existing easements.	1	24.61	Min 100% Sur 100%				
4	NW1/4 NE1/4 Subject to existing easements.	1	25.83	Min 100% Sur 100%				
4	SE1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	SW1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-325					136			
4	NE1/4 NW1/4 Subject to existing easements.	1	27.05	Min 100% Sur 100%				
4	NW1/4 NW1/4 Subject to existing easements.	1	28.26	Min 100% Sur 100%				
4	SE1/4 NW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	SW1/4 NW1/4	1	40.00	Min 100% Sur 100%				
<b>N-326</b> 4	NE1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%	160			
4	NW1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	SE1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	SW1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-327					160			
4	NE1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	*NW1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	SE1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
4	*SW1/4 SW1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-328					160			
4	NE1/4 NE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	NW1/4 NE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	SE1/4 NE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				

Offering Number	Description	Sec-	Lease	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Tamber	Crawford County	tion	710103	Equity	710103	Tamber	Did	Did
	T27N R02W							
<b>N-328</b> <sup>4</sup>	(Continued) SW1/4 NE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
<b>N-329</b> 4	NE1/4 NW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	NW1/4 NW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	SE1/4 NW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	*SW1/4 NW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
<b>N-330</b> 4	NE1/4 SE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	NW1/4 SE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	SE1/4 SE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	SW1/4 SE1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
N-331					160			
4	NE1/4 SW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	*NW1/4 SW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	SE1/4 SW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
4	*SW1/4 SW1/4 Subject to existing easements.	12	40.00	Min 100% Sur 100%				
	Crawford County							
N. 222	T28N R02W				110			
<b>N-332</b> 4	NE1/4 NE1/4 Subject to existing easements.	1	39.34	Min 100% Sur 100%				
4	NW1/4 NE1/4 Subject to existing easements.	1	39.34	Min 100% Sur 100%				
4	SE1/4 NE1/4 Subject to existing easements.	1	40.00	Min 100% Sur 100%				
N-333	NE1/4 NW1/4 Subject to existing easements.	1	39.32	Min 100% Sur 100%				

Offering	Oii And Gas Lease Ad	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description			Equity	Acres	Number	Bid	Bid
	Crawford County							
	T28N R02W							
N-333	(Continued)							
4	NW1/4 NW1/4 Subject to existing easements.	1	39.31	Min 100%				
				Sur 100%				
4	SE1/4 NW1/4 Subject to existing easements.	1	40.00	Min 100%				
				Sur 100%				
4	SW1/4 NW1/4 Subject to existing easements.	1	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-334					120			
4	NE1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100%				
				Sur 100%				
4	NW1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100%				
			46.5-	Sur 100%				
	SE1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100%				
				Sur 100%				
N-335 4	NE1/4 SW1/4	1	40.00	Min 100%	160			
4	Subject to existing easements.	'	40.00	Sur 100%				
4	NW1/4 SW1/4	1	40.00	Min 100%				
4	Subject to existing easements.	'	40.00	Sur 100%				
4	SE1/4 SW1/4	1	40.00	Min 100%				
7	Subject to existing easements.	'	40.00	Sur 100%				
4	SW1/4 SW1/4	1	40.00	Min 100%				
•	Subject to existing easements.		10.00	Sur 100%				
N-336					159			
4	NE1/4 NE1/4	2	39.24	Min 100%				
	Subject to existing easements.			Sur 100%				
4	NW1/4 NE1/4	2	39.08	Min 100%				
	Subject to existing easements.			Sur 100%				
4	SE1/4 NE1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
4	SW1/4 NE1/4	2	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	Crawford County							
	T28N R03W							
N-337					120			
	*NE1/4 NE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SE1/4 NE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 NE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	I	I	I	I		I	I	I

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Crawford County							
	T28N R03W							
N-338					160			
	*NE1/4 SE1/4	35	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%				
	*NW1/4 SE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SE1/4 SE1/4	35	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 SE1/4 Subject to existing easements.	35	40.00	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Grand Traverse County							
	T26N R09W							
339					80			
15	SE1/4 SE1/4	10	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
15	*SW1/4 SE1/4	10	40.00	Min 100%				
19	Subject to existing easements.			Sur 100%				
	Grand Traverse County							
	T27N R11W							
N-340					40			
	*NE1/4 SE1/4	8	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County							
244	T25N R05W				40			
<b>341</b> 5 15	*NW1/4 SW1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
N-342					80			
5 6	*SE1/4 SW1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
5 6	*SW1/4 SW1/4 Subject to existing easements.	14	40.00	Min 100% Sur 100%				
<b>343</b> 5	*NE1/4 NE1/4 Subject to existing easements.	15	40.00	Min 100%	160			
5	*NW1/4 NE1/4 Subject to existing easements.	15	40.00	Sur 100% Min 100% Sur 100%				
5	*SE1/4 NE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5	*SW1/4 NE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
344					160			
5	*NE1/4 NW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5	*NW1/4 NW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5 15	*SE1/4 NW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5 15	*SW1/4 NW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
345					160			
5	*NE1/4 SE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5	*NW1/4 SE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5	*SE1/4 SE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5	*SW1/4 SE1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
N-346					160			
5 6	*NE1/4 SW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5 6	*NW1/4 SW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
5 6	*SE1/4 SW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				

Offering Number	Oil And Gas Lease A	Sec-	Lease Acres	•	Bid	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County T25N R05W							
<b>N-346</b> 5 6	(Continued) *SW1/4 SW1/4 Subject to existing easements.	15	40.00	Min 100% Sur 100%				
<b>347</b> 5	*NE1/4 NE1/4	16	40.00	Min 100%	160			
15	Subject to existing easements.		40.00	Sur 100%				
5 15	*NW1/4 NE1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*SE1/4 NE1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*SW1/4 NE1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
348 5 15	*NE1/4 NW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*NW1/4 NW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*SE1/4 NW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*SW1/4 NW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
349	*NE4/4 OWA/4	1.0	40.00	<b>N</b> 4000/	160			
5 15	*NE1/4 SW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*NW1/4 SW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	SE1/4 SW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
5 15	*SW1/4 SW1/4 Subject to existing easements.	16	40.00	Min 100% Sur 100%				
<b>N-350</b>	*NE1/4 NE1/4	22	40.00	Min 100%	160			
6	*NW1/4NE1/4 Subject to existing easements.	22	40.00	Sur 100% Min 100%				
6	*SE1/4 NE1/4	22	40.00	Sur 100% Min 100%				
6	*SW1/4 NE1/4	22	40.00	Sur 100% Min 100% Sur 100%				
351			1	Jul 100%	160			
15	*NE1/4 NW1/4 Subject to existing easements.	22	40.00	Min 100%				
15	*NW1/4NW1/ 4	22	40.00	Sur 100% Min 100%				
				Sur 100%				

Offering Number	Description	Sec-	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Kalkaska County							
<b>351</b> 15	T25N R05W  (Continued) *SE1/4 NW1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
15	*SW1/4 NW1/4	22	40.00	Min 100% Sur 100%				
<b>N-352</b> 5 6	*NW1/4 SE1/4	22		Min 100% Sur 100%	80			
5 6	*SW1/4 SE1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
<b>353</b> 15	*NW1/4 SW1/4	22	40.00	Min 100% Sur 100%				
<b>N-354</b>	*NE1/4 SW1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
6	*SE1/4 SW1/4 Subject to existing easements.	22	40.00	Min 100% Sur 100%				
<b>N-355</b>	*NE1/4 SW1/4	23	40.00	Min 100% Sur 100%				
6	*NW1/4 SW1/4	23	40.00	Min 100% Sur 100%				
6	*SE1/4 SW1/4	23	40.00	Min 100% Sur 100%				
6	*SW1/4 SW1/4	23	40.00	Min 100% Sur 100%				
	Kalkaska County T27N R07W							
N-356	E1/2 NE1/4 NE1/4	19	20.00	Min 100% Sur 0%				
	SE1/4 NE1/4	19	40.00	Min 100% Sur 0%				
	W1/2 NE1/4 NE1/4	19	20.00	Min 100% Sur 0%				
	*West part NW1/4 NE1/4	19	39.00	Min 100% Sur 0%				
<b>357</b> 15	NE1/4 SE1/4 Subject to existing easements.	19	40.00	Min 100% Sur 100%				
15	SE1/4 SE1/4 Subject to existing easements.	19	40.00	Min 100% Sur 100%				
15	*SW1/4 SE1/4, except the W 14 acres Subject to existing easements.	19	26.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Number	<u> </u>	LIOIT	Acres	Equity	ACIES	INUITIDEI	Diu	Diu
	Kalkaska County							
	T27N R07W							
357	(Continued)							
15	W 14 acres of SW¼ of SE¼	19	14.00	Min 100%				
				Sur 100%				
N-358					37			
	NW1/4 SE1/4 except E 200 feet of N 1/2 NW1/4 SE1/4	19	36.74	Min 100%				
	SE 1/4			Sur 100%				
359					40			
15	E 12 acres of SE1/4 SW frl 1/4	19	12.00	Min 100%				
				Sur 100%				
15	*W part of SE1/4 SW1/4	19	28.00	Min 100%				
				Sur 100%				
N-360					68			
	*NE1/4 SW1/4	19	40.00	Min 100%				
				Sur 100%				
	*W1/2 SW1/4	19	27.04	Min 100%				
				Sur 100%				
361	*NIC4/4 NIC4/4		40.00	1000/	80			
15	*NE1/4 NE1/4 Subject to existing easements.	30	40.00	Min 100%				
				Sur 100%				
15	*NW1/4 NE1/4 Subject to existing easements.	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-362					38			
	*SE1/4 NE1/4 except G.R. & I. RR r/w	30	38.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-363					40			
	*NE1/4 NW1/4	30	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
TAUTIDO	Y	1	710103	Equity	710103	Tamber	) Did	П
	Kent County							
	T10N R11W							
N-364					75			
	SE1/4 SE1/4	19	40.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4exE27.5 rds of N 29 rds	19	35.00	Min 100%				
				Sur 100%				
N-365					165			
	NE1/4 SW1/4 Subject to existing easements.	19	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 SW1/4	19	52.06	Min 100%	,			
	Subject to existing easements.			Sur 100%	•			
	SE1/4 SW1/4 except E 40 rods of North 20 rds	19	35.00	Min 100%				
	'			Sur 100%				
	*South part of SW1/4 SW1/4	19	37.08	Min 100%				
	·			Sur 100%				
N-366					70			
	N 30 acres of SW1/4 NE1/4	30	30.00	Min 100%				
				Sur 100%	,			
	NW1/4 NE1/4	30	40.00	Min 100%				
				Sur 100%				
N-367					102			
39	E 100 ft of N1/2 NW1/4 SE1/4	30	1.50	Min 100%	,			
				Sur 100%	,			
	NE1/4 SE1/4	30	40.00	Min 100%	,			
	Subject to existing easements.			Sur 100%				
39	S1/2 NW1/4 SE1/4	30	20.00	Min 100%				
				Sur 100%				
	SW1/4 SE1/4	30	40.00	Min 100%				
				Sur 100%				
N-368					1			
555	*Pt SWFRL 1/4 com 330 ft N & 264 ft E of SW	30	0.06	Min 100%				
	cor of sec th E 165 ft th N about 16.01 ft to a pt 264 ft S of S line of N 80 A. of WFRL 1/2 SWFRL 1/4 th W 165 ft th S to beg			Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Lake County T17N R11W							
N-369	*Pt W1/2 SE1/4 Beg at SE cor, th W 132 ft, th N 179 ft, th E 132 ft, th S 179 ft to pob	36	0.54	Min 100% Sur 0%				
	*Pt W1/2 SE1/4, Beg 132 ft W of SE cor, th W 301 ft, th N 179 ft, th E 301 ft, th S 179 ft m/l to pob	36	1.46	Min 100% Sur 0%				
	Lake County T18N R12W							
N-370	*NE1/4 NE1/4	8	40.00	Min 100%	160			
	*NW1/4 NE1/4	8	40.00	Sur 100% Min 100%				
	*SE1/4 NE1/4	8	40.00	Sur 100% Min 100% Sur 100%				
	*SW1/4 NE1/4	8	40.00	Min 100% Sur 100%				
<b>371</b> 15	*E1/2 NW1/4 NW1/4	8	20.00	Min 100%				
15	*SW1/4 SW1/4 NW1/4	8	10.00	Sur 100% Min 100% Sur 100%				
N-372	*E1/2 NE1/4 SW1/4 NW1/4	8	5.00	Min 100%				
	*E1/2 NW1/4 NW1/4 NW1/4	8	5.00	Sur 100% Min 100% Sur 100%				
	*E1/2 NW1/4 SW1/4 NW1/4	8	5.00	Min 100% Sur 100%				
	*E1/2 SW1/4 NW1/4 NW1/4 *NE1/4 NW1/4	8		Min 100% Sur 100%				
	*NW1/4 NE1/4 SW1/4 NW1/4	8		Min 100% Sur 100% Min 100%				
	*SE1/4 NW1/4	8	40.00	Sur 100% Min 100%				
	*SW1/4 NE1/4 SW1/4 NW1/4	8	2.50	Sur 100% Min 100% Sur 100%				
	*W1/2 SE1/4 SW1/4 NW1/4	8	5.00	Min 100% Sur 100%				
N-373	*NE1/4 SE1/4	8	40.00	Min 100%				
	*NW1/4 SE1/4	8	40.00	Sur 100% Min 100% Sur 100%				
	*SE1/4 SE1/4	8	40.00	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description	Sec-	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Lake County							
374	T18N R12W				120			
-	*NW1/4 SW1/4	8	40.00	Min 100%				
15	SE1/4 SW1/4	8	40.00	Sur 100% Min 100%				
	SW1/4 SW1/4		40.00	Sur 100%				
	3W 1/4 3W 1/4	8	40.00	Min 100% Sur 100%				
N-375	NE1/4 SW1/4	8	40.00	Min 100%	40			
	NE 174 300 174	0	40.00	Sur 100%				
N-376	*NE1/4 NE1/4	9	40.00	Min 100%	120			
	NE I/4 NE I/4		40.00	Sur 100%				
	*NW1/4 NE1/4	9	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	9	40.00	Min 100%				
N-377				Sur 100%	80			
N-3//	*NE1/4 NW1/4	9	40.00	Min 100%				
	*SE1/4 NW1/4	9	40.00	Sur 100% Min 100%				
	<u> </u>	Ů	10.00	Sur 100%				
N-378	*NE1/4 SE1/4	9	40.00	Min 100%	120			
				Sur 100%				
	*NW1/4 SE1/4	9	40.00	Min 100% Sur 100%				
	*SW1/4 SE1/4	9	40.00	Min 100%				
N-379				Sur 100%	160			
14 07 0	*NE1/4 SW1/4	9	40.00	Min 100%				
	*NW1/4 SW1/4	9	40.00	Sur 100% Min 100%				
	*054/4 000/4/4		40.00	Sur 100%				
	*SE1/4 SW1/4	9	40.00	Min 100% Sur 100%				
	*SW1/4 SW1/4	9	40.00	Min 100%				
N-380				Sur 100%	160			
35	NEI/4 NEI/4	15	40.00	Min 100%				
	NI/2 SEI/4 NEI/4	15	20.00	Sur 100% Min 100%				
	NI/2 SWI/4 NEI/4	15	20.00	Sur 100%				
	INVA OVVIA INFIA	15	20.00	Min 100% Sur 100%				
	NWI/4 NEI/4	15	40.00	Min 100%				
	I	1	İ	Sur 100%		1	I	1

Offering Number	Description	Sec-	Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Lake County T18N R12W							
N-380	(Continued) *S1/2 S1/2 NE1/4	15	40.00	Min 100% Sur 100%				
N-381	NEI/4 SWI/4	15	40.00	Min 100% Sur 100%				
	*SE1/4 SW1/4	15	40.00	Min 100% Sur 100%				
N-382	*NE1/4 NE1/4	16	40.00	Min 100%				
	*NW1/4 NE1/4	16	40.00	Sur 100% Min 100% Sur 100%				
22	*SE1/4 NE1/4	16		Min 100% Sur 100%				
39 	SW1/4 NE1/4	16	40.00	Min 100% Sur 100%				
15 49	*SE1/4 SE1/4	20	40.00	Min 100% Sur 100%				
N-384	*SE1/4 NW1/4	21	40.00	Min 100% Sur 100%				
N-385	*NE1/4 SW1/4	21	40.00	Min 100% Sur 100%				
	*S1/2 NW1/4 SW1/4	21	20.00	Min 100% Sur 100%				
	*SE1/4 SW1/4 *SW1/4 SW1/4	21		Min 100% Sur 100% Min 100%				
386		21	+0.00	Sur 100%				
	*E1/2 SE1/4 SW1/4 NW1/4 Subject to existing easements.	28		Min 100% Sur 100%				
	*E1/2 SW1/4 SE1/4 NW1/4 Subject to existing easements. *W1/2 SW1/4 SE1/4 NW1/4	28		Min 100% Sur 100%				
N 207	Subject to existing easements.	28	5.00	Min 100% Sur 100%				
N-387	*NE1/4 NW1/4	28	40.00	Min 100% Sur 100%				
	*NW1/4 NW1/4	28	40.00	Min 100% Sur 100%				
388	*E1/2 SW1/4 NE1/4 Subject to existing easements.	29	20.00	Min 100% Sur 100%				

### **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Lake County							
	T18N R12W							
388	(Continued)							
15	*SE1/4 NE1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				
15	*Und 3/4 int in NW1/4 NE1/4 (40.0 Acres) Subject to existing easements.	29	30.00	Min 100% Sur 100%				
N-389	*NE1/4 NE1/4 Subject to existing easements.	29	40.00	Min 100% Sur 100%				

### **Mineral Auction Catalog**

Offering Number	Description Description	Sec-	Lease Acres		Bid Acres	Bidder	Per Acre Bid	Total Bid
	Manistee County T23N R16W							
<b>390</b> 15	*E1/2 NE1/4 SW1/4	11	20.00	Min 100% Sur 0%				

Offering	Oil And Gas Lease At	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres	Number	Bid	Bid
	Mecosta County							
	T13N R09W							
391	10044/4 10044/4				40			
15	*SW1/4 NW1/4	16	40.00	Min 100%				
392				Sur 0%	80			
<b>392</b> 15	*NE1/4 SW1/4	16	40.00	Min 100%				
				Sur 0%				
15	*NW1/4 SW1/4	16	40.00	Min 100%				
				Sur 0%				
393	*All that want of a manual of land a survey of				34			
15	*All that part of a parcel of land commencing at a point 80 rods S and 66 2/3 rods W of NE	17	33.34	Min 100%				
	corner of Section, thence W 66 2/3 rods, S 96			Sur 0%				
	rods, E 66 2/3 rods, N 96 rods to beginning, that lies within the NE 1/4 of Section 17							
N-394	*All that part of a parcel of land commencing at	17	6 66	Min 100%	7			
	a point 80 rods S and 66 2/3 rods W of NE	''	0.00	Sur 0%				
	corner of Section, thence W 66 2/3 rods, S 96 rods, E 66 2/3 rods, N 96 rods to beginning, that							
	lies within the SE 1/4 of Section 17							
	Mecosta County							
	T13N R10W							
395					40			
15	*NE1/4 SE1/4	17	40.00	Min 100%				
				Sur 0%				
396					40			
15	SW1/4 SW1/4	17	40.00	Min 100%				
397				Sur 0%	40			
3 <b>97</b> 1	SE1/4 NE1/4	18	40.00	Min 100%	40			
				Sur 0%				
398					80			
1	NE1/4 SE1/4	18	40.00	Min 100%				
	05444.05444			Sur 0%				
15	SE1/4 SE1/4	18	40.00	Min 100%				
N-399				Sur 0%	40			-
14-233	NW1/4 NE1/4	20	40.00	Min 100%	40			
				Sur 0%				
400					80			
1	*NE1/4 NW1/4	20	40.00	Min 100%				
	NN44 /4 NN44 /4			Sur 0%				
15	NW1/4 NW1/4	20	40.00	Min 100% Sur 0%				
	Mecosta County			Sui U%				
	T14N R08W							
N-401	11710110011				40			1
11 701	*SE1/4 NW1/4	31	40.00	Min 100%				
				Sur 0%				
October 25	2005 * = Attorney Title Opinion Required S	01			. 0	·	-	Page 62 of 98

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Mecosta County							
	T15N R09W							
N-402					105			
39	NE1/4 NW FrI 1/4	3	30.02	Min 100%				
				Sur 100%				
39	NW1/4 NW Frl 1/4	3	14.54	Min 50%				
	05//44/8/45/4/4			Sur 100%				
39	SE1/4 NW Frl 1/4	3	40.00	Min 100%				
39	SW1/4 NW FrI 1/4	3	20.00	Sur 100% Min 50%				
33	CW 1/4 I W I II 1/4	3	20.00	Sur 100%				
N-403				001 10070	60			
11 400	*NW1/4 SW1/4	3	40.00	Min 100%				
				Sur 100%				
39	W 10 acres NE1/4 SW1/4	3	10.00	Min 100%				
	Subject to existing easements.			Sur 100%				
39	W 10 acres of SE1/4 SW1/4	3	10.00	Min 100%				
				Sur 100%				
N-404					69			
	*Frl NE¼ of Frl NE¼, except that part of W'ly	4	17.67	Min 100%				
	1020.30 feet lying S'ly of 18 Mile Road			Sur 100%				
	*SE¼ of Frl NE¼, except that part lying within	4	27.12	Min 100%				
	the W'ly 1020.30 feet of the N'ly 1550 feet of the FrI E½ of the FrI NE¼			Sur 100%				
	*That part of the W'ly 1020.30 feet of the N'ly 1550 feet of the Frl E½ of the Frl NE¼ lying	4	12.88	Min 100%				
	within the SE¼ of the FrI NE¼			Sur 100%				
	*That part of W'ly 1020.30 feet of Frl NE¼ of Frl	4	10.60	Min 100%				
	NE¼ lying S'ly of 18 Mile Road	4	10.00	Sur 100%				
	Manage County			001 10070				
	Mecosta County T16N R09W							
N. 40E	I ION RUSW				160			
<b>N-405</b> 39	LOT 2	33	39.80	Min 100%				
00			00.00	Sur 100%				
39	*NE1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SE1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 SE1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-406		1			160			
39	NE1/4 SE1/4	34	40.00	Min 100%				
				Sur 100%				
39	NW1/4 SE1/4	34	40.00	Min 100%				
				Sur 100%				
39	SE1/4 SE1/4	34	40.00	Min 100%				
00	SWA /A SEA /A		40.00	Sur 100%				
39	SW1/4 SE1/4	34	40.00	Min 100%				
			<u> </u>	Sur 100%	<u> </u>			<u> </u>

Offering Number	Description	Sec-	Lease	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
TAUTIDE	<u>'</u>	1	710103	Lquity	7.0163	TAGITIDEI	T Dia	
	Mecosta County							
	T16N R09W							
N-407					147			
	*LOT 1 ex N 40 acres	34	26.39	Min 100%				
				Sur 100%				
	*N1/2 Govt Lot 1	34	40.00	Min 100%				
				Sur 100%				
	*NE1/4 SW1/4	34	40.00	Min 100%				
	***************************************			Sur 100%				
	*SE1/4 SW1/4	34	40.00	Min 100%				
				Sur 100%				
	Mecosta County							
	T16N R10W							
N-408	*Part of NE1/4 NW1/4 being the W 5 acres of E 15 acres thereof except a parcel desc in Liber 391 Page 99 CS #54014 PCL \$320 also except N 528 feet of W 5 acres fo the E 15 acres of NE1/4 NW1/4	5	2.50	Min 100% Sur 0%				
409					38			
15	*NW1/4 NW1/4	6	37.68	Min 100%				
				Sur 0%				
410					79			
15	*E1/2 NW1/4 NE1/4	7	20.00	Min 100%				
				Sur 0%				
15	*E1/2 SW1/4 NE1/4	7	20.00	Min 100%				
				Sur 0%				
15	*NE1/4 NE1/4 except commencing at NE corner of Section W 206 feet on Section line, S 206 feet, E 206 feet, N 206 feet to beginning	7	39.00	Min 100% Sur 0%				
			l		l			

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Midland County T13N R01W							
N-411	SE1/4 NW1/4	7	40.00	Min 100% Sur 100%				
N-412	NE1/4 SE1/4	7	40.00	Min 100%				
39	NW1/4 SE1/4	7	40.00	Sur 100% Min 100% Sur 100%				
N-413	NE1/4 SW1/4	7	40.00	Min 100%	119			
	SE1/4 SW1/4	7	40.00	Sur 100% Min 100% Sur 100%				
	Und 1/2 int in NW1/4 SW1/4 (38.67 Acres)	7	19.34	Min 100% Sur 100%				
	Und 1/2 int in SW1/4 SW1/4 (38.37 Acres)	7	19.19	Min 100% Sur 100%				
N-414	NW1/4 SW1/4	8	40.00	Min 100% Sur 100%				
N-415	NW1/4 NE1/4	18	40.00	Min 100% Sur 100%	40			
	Midland County T13N R02W							
416	Und 1/36 int in NE1/4 NE1/4 (42.09 Acres)	1	1.14	Min 100% Sur 100%				
	Und 1/36 int in NW1/4 NE1/4(42.01 Acres)	1	1.14	Min 100% Sur 100%				
	Und 1/36 int in SW1/4 NE1/4 (40.0 Acres)	1	1.11	Min 100% Sur 100%				
N-417	SE1/4 NE1/4	1	40.00	Min 100% Sur 100%				
418	NE1/4 NW1/4	1	42.17	Min 100%				
	SW1/4 NW1/4	1	40.00	Sur 100% Min 100% Sur 100%				
N-419	NW1/4 NW1/4	1	42.25	Min 100%	83			
	SE1/4 NW1/4	1	40.00	Sur 100% Min 100% Sur 100%				
N-420	NE1/4 SE1/4	1	40.00	Min 100% Sur 100%	102			

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Midland County							
	T13N R02W							
N-420	(Continued) NW1/4 SE1/4	1	40.00	Min 100% Sur 100%				
	Und 1/2 int in SE1/4 SE1/4 (40.0 Acres)	1	20.00	Min 100% Sur 100%				
	Und 1/36 int in SW1/4 SE1/4 (40.0 Acres)	1	1.11	Min 100% Sur 100%				
421	SE1/4 SW1/4	1	40.00	Min 100% Sur 100%				
	Und 1/36 int in NW1/4 SW1/4 (40.0 Acres)	1	1.11	Min 100% Sur 100%				
	Und 1/36 int in SW1/4 SW1/4	1	1.11	Min 100% Sur 100%				
N-422	NE1/4 SW1/4	1	40.00	Min 100% Sur 100%				
N-423	Und 1/36 int in NW1/4 SE1/4 (40.0 Acres)	2	1.11	Min 100% Sur 100%				
424	*Comm W1/4 corner, th N 264 ft, E 165 ft, S 264 ft, W 165 ft	3	1.00	Min 100% Sur 100%				
N-425	*Com 1320 ft S of NW sec cor, th E 165 ft, N 264 ft, W 165 ft, S 264 ft	3	1.00	Min 100% Sur 0%				
426	*Com at W 1/4 cor, th E 165 ft, S 264 ft, W 165 ft, N 264 ft	3	1.00	Min 100% Sur 100%	1			
427	NE1/4 NE1/4	10	40.00	Min 100%				
	NW1/4 NE1/4	10	40.00	Sur 100% Min 100% Sur 100%				
	SE1/4 NE1/4	10	40.00	Min 100% Sur 100%				
	SW1/4 NE1/4	10	40.00	Min 100% Sur 100%				
428	NE1/4 NW1/4	10	40.00	Min 100%				
15	NW1/4 NW1/4	10	40.00	Sur 100% Min 100% Sur 0%				
	SE1/4 NW1/4	10	40.00	Min 100% Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Midland County							
	T13N R02W							
428	(Continued)							
	SW1/4 NW1/4 except 1.00 acre commencing at	10	39.00	Min 100%				
	1/4 post on W line, th N 16 rods, E 10 rods S 16 rods, W 10 rods to place of beginning			Sur 100%				
	, 1 5 5							
429	*Com 330 ft E of S1/4 cor, th N 660 ft, E 330 ft,	10	5.00	Min 100%	5			
	S 660 ft, W 330 ft	10	3.00	Sur 100%				
N-430					160			
14-430	NE1/4 NE1/4	12	40.00	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	12	40.00	Min 100%				
	054/4 NI54/4			Sur 100%				
	SE1/4 NE1/4	12	40.00	Min 100%				
	  SW1/4 NE1/4	12	40.00	Sur 100% Min 100%				
		'2	+0.00	Sur 100%				
431					119			
	NE1/4 NW1/4	12	40.00	Min 100%				
				Sur 100%				
	NW1/4 NW1/4	12	40.00	Min 100%				
	SW1/4 NW1/4 except a parcel described as	12	30.00	Sur 100% Min 100%				
	commencing at the 1/4 post on W line of Section	12	39.00	Sur 100%				
	12, thence E 10 rods, N 16 rods, W 10 rods, S 16 rods to point of beginning							
N. 400					40			
N-432	  SE1/4 NW1/4	12	40.00	Min 100%	40			
			10.00	Sur 100%				
N-433					40			
	Und 1/2 int in NE1/4 SE1/4 subject to underground gas storage conveyance to	12	20.00	Min 100%				
	Michigan Consolidated Gas Storage Company			Sur 100%				
	Und 1/2 int in SE1/4 SE1/4 subject to	12	20.00	Min 100%				
	underground gas storage conveyance to	'-	20.00	Sur 100%				
	Michigan Consolidated Gas Storage Company							
434					80			
	NE1/4 SW1/4 subject to reservation of gas storage rights to the City of Mason	12	40.00	Min 100%				
				Sur 100%				
	NW1/4 SW1/4	12	40.00	Min 100%				
405				Sur 100%				1
435	*Com at W1/4 cor, th N 16 rd, E 10 rd, S 16 rd,	13	1.00	Min 100%	159			
	W 10 rd.	'	1.00	Sur 100%				
	*NE1/4 NW1/4	13	40.00	Min 100%				
			.5.50	Sur 100%				
	L	1.0	20.00				1	
	*NW1/4 NW1/4 ex 1 A for Dow Chemical well	13	39.00	Min 100%				
	*NW1/4 NW1/4 ex 1 A for Dow Chemical well site des as; comm at NW cor of Sec, th E 16 rds, S 10 rds, W 16 rds, N 10 rds to place of beg	13	39.00	Sur 100%				

Offering Number	Description	Sec-	Lease Acres	Equity	Bid	Bidder Number	Per Acre Bid	Total Bid
Number	Description	tion	Acres	Equity	Acres	Number	Bia	Bia
	Midland County							
405	T13N R02W	1						
435	(Continued) *SE1/4 NW1/4	13	40.00	Min 100%				
			10.00	Sur 100%				
	*SW1/4 NW1/4 ex 1 A for Dow Chemical well	13	39.00	Min 100%				
	site des as; comm. at 1/4 post on W line, th N 16 rds, E 10 rds, S 16 rds, W 10 rds to place of			Sur 100%				
	beg.							
436					79			
430	*NW1/4 SW1/4	13	40.00	Min 100%				
			10.00	Sur 100%				
	*SW1/4 SW1/4 ex 1 A for Dow Chemical well	13	38.55	Min 100%				
	site des as; comm at SW cor of Sec, th N 10 rds, E 16 rds, S 10 rds, W 16 rds to place of beg			Sur 100%				
	AND except comm at the SW cor of Section 13,							
	th N along W Section Line 165.0 feet to POB; th N 22.0 feet along Section Line, th E parallel with							
	S Section Line 337.0 feet; th S parallel with W							
	Section Line 187.0 feet to S Section Line, th W on S Section Line 73.0 feet; th N parallel with W							
	Section Line 165.0 feet, th W parallel with S							
	Section Line 264.0 feet to POB.							
437					40			
	*NE1/4 NE1/4	14	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
438					40			
	*NE1/4 SE1/4	14	40.00	Min 100%				
				Sur 100%				
	Midland County							
N. 400	T14N R02W				00			
N-439	*SE1/4 NE1/4	32	40.00	Min 100%	80			
	SENTINE IN	32	40.00	Sur 100%				
	*SW1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
440					159			
	*NE1/4 NW1/4	32	40.00	Min 100%				
	***************************************			Sur 100%				
	*NW1/4 NW1/4	32	40.00	Min 100%				
	*SE1/4 NW1/4	32	40.00	Sur 100% Min 100%				
		32	70.00	Sur 100%				
	*SW1/4 NW1/4 ex 1 A in SW cor, N & S 16 rds	32	39.00	Min 100%				
	by E & W 10 rds.			Sur 100%				
441					40			
•	*NW1/4 SW1/4	32	40.00	Min 100%				
				Sur 100%				
N-442					40			
	*NE1/4 SW1/4	32	40.00	Min 100%				
				Sur 100%				

Offering	B:		Lease	F ''	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Midland County							
	T14N R02W							
443					40			
	*NW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
N-444					40			
	*SW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
445	NE4/4 SE4/4		00.00	NA: =000	60			
	NE1/4 SE1/4 Subject to existing easements.	34	20.00	Min 50%				
				Sur 100%				
	NW1/4 SE1/4	34	20.00	Min 50%				
40	054/4.054/4			Sur 100%				
49	SE1/4 SE1/4 Subject to existing easements.	34	20.00	Min 50%				
	Casjost to Shotting Casomorito.			Sur 100%				
N-446					20			
35	SW1/4 SE1/4 Subject to existing easements.	34	20.00	Min 50%				
	Subject to existing easements.			Sur 100%				
447					60			
	N1/2 SW1/4 SW1/4	35	10.00	Min 50%				
	Subject to existing easements.			Sur 100%				
	NE1/4 SW1/4	35	20.00	Min 50%				
				Sur 100%				
	S1/2 SW1/4 SW1/4	35	10.00	Min 50%				
	Subject to existing easements.			Sur 100%				
	SE1/4 SW1/4 (Undivided 1/2 interest in oil and	35	20.00	Min 50%				
	gas) Subject to existing easements.			Sur 100%				
	Subject to existing easements.							
N-448					20			
	NW1/4 SW1/4	35	20.00	Min 50%				
		1		Sur 100%		1	1	1

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County			. ,			1	
	T23N R05W							
449	1200110011				162			
15	*NE1/4 NE1/4	6	41.12	Min 100%				
				Sur 100%				
15	*NW1/4 NE1/4	6	40.32	Min 100%				
	*05*/4.N5*/4			Sur 100%				
15	*SE1/4 NE1/4	6	40.00	Min 100%				
15	*SW1/4 NE1/4	6	40.00	Sur 100% Min 100%				
10	OW 1/4 NE 1/4		40.00	Sur 100%				
N-450				041 10070	95			
	*NE1/4 NW1/4	6	39.52	Min 100%				
				Sur 100%				
	*SE1/4 NW1/4	6	40.00	Min 100%				
	+0.44.4.4.1.4.4.4.4			Sur 100%				
	*SW1/4 NW1/4	6	14.52	Min 100%				
454				Sur 100%	40			
<b>451</b> 15	*NE1/4 SE1/4	6	40.00	Min 100%	_			
. •			10.00	Sur 100%				
N-452					120			
	*NW1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SE1/4	6	40.00	Min 100%				
	*SW1/4 SE1/4		40.00	Sur 100%				
	3W 1/4 3E 1/4	6	40.00	Min 100% Sur 100%				
N-453				Out 10076	110		+	
11 400	*NE1/4 SW1/4	6	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	6	14.51	Min 100%				
				Sur 100%				
	*SE1/4 SW1/4	6	40.00	Min 100%				
	*SW1/4 SW1/4	6	1/162	Sur 100% Min 100%				
	SW 1/4 SW 1/4		14.03	Sur 100%				
N-454				04. 10070	110			
	*NE1/4 NW1/4	7	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*NW1/4 NW1/4	7	14.66	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SE1/4 NW1/4	7	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 NW1/4	7	14.65	Min 100%				
	Subject to existing easements.			Sur 100%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County							
	T23N R06W							
455	*NE4/4 NE4/4				76			
15	*NE1/4 NE1/4	1	38.30	Min 100%				
15	*NW1/4 NE1/4	1	27.50	Sur 100% Min 100%				
13	14W 1/4 INC 1/4	'	37.30	Sur 100%				
N-456					80			
	*SE1/4 NE1/4	1	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NE1/4	1	40.00	Min 100%				
				Sur 100%				
457 15	*NE1/4 NW1/4		00.00	Min 4000/	37			
15	NE 1/4 INVV 1/4	1	36.69	Min 100% Sur 100%				
N-458				Sui 100%	116		1	-
14-430	*NW1/4 NW1/4	1	35.98	Min 100%				
				Sur 100%				
	*SE1/4 NW1/4	1	40.00	Min 100%				
				Sur 100%				
	*SW1/4 NW1/4	1	40.00	Min 100%				
				Sur 100%				
N-459	***************************************		40.00	NA: 4000/	160			
	*NE1/4 SE1/4 Subject to existing easements.	1	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SE1/4	1	40.00	Min 100%				
	*SE1/4 SE1/4	1	40.00	Sur 100% Min 100%				
	Subject to existing easements.	'	40.00	Sur 100%				
	*SW1/4 SE1/4	1	40.00	Min 100%				
	SW 1/4 SE 1/4	'	40.00	Sur 100%				
N-460				041 10070	160			
100	*NE1/4 SW1/4	1	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	1	40.00	Min 100%				
	***************************************			Sur 100%				
	*SE1/4 SW1/4	1	40.00	Min 100%				
	*SW1/4 SW1/4		40.00	Sur 100%				
	300 I/T 300 I/T	1	40.00	Min 100% Sur 100%				
N-461				341 100 /6	154			
101	*NE1/4 NE1/4	2	36.08	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	2	37.23	Min 100%				
				Sur 100%				
	*SE1/4 NE1/4	2	40.00	Min 100%				
	*C\N/4/4 N F4/4		40.05	Sur 100%				
	*SW1/4 NE1/4	2	40.00	Min 100%				
				Sur 100%			1	

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County							
	T23N R06W							
N-462	*NE1/4 NW1/4		20.20	Min 4000/	79			
	INE 1/4 INVV 1/4	2	38.39	Min 100% Sur 100%				
	*SE1/4 NW1/4	2	40.00	Min 100%				
				Sur 100%				
N-463					160			
	*NE1/4 SE1/4	2	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SE1/4	2	40.00	Min 100%				
	*SE1/4 SE1/4		40.00	Sur 100%				
	35 1/4 35 1/4	2	40.00	Min 100% Sur 100%				
	*SW1/4 SE1/4	2	40.00	Min 100%				
		-	10.00	Sur 100%				
N-464					160			
	*NE1/4 SW1/4	2	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	2	40.00	Min 100%				
	***************************************			Sur 100%				
	*SE1/4 SW1/4	2	40.00	Min 100%				
	*SW1/4 SW1/4	2	40.00	Sur 100% Min 100%				
	3W 1/4 3W 1/4	2	40.00	Sur 100%				
N-465				Out 10070	119			
14-405	*NE1/4 NE1/4	3	39.75	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	3	39.05	Min 100%				
				Sur 100%				
	*SW1/4 NE1/4	3	40.00	Min 100%				
				Sur 100%				
N-466	*NE1/4 SE1/4		40.00	Min 100%	160			
	NE 1/4 3E 1/4	3	40.00	Sur 100%				
	*NW1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
	*SW1/4 SE1/4	3	40.00	Min 100%				
				Sur 100%				
N-467	*NE4/4 CW/4/4		40.55		160			
	*NE1/4 SW1/4	3	40.00	Min 100%				
	*NW1/4 SW1/4	3	40.00	Sur 100% Min 100%				
			40.00	Sur 100%				
	*SE1/4 SW1/4	3	40.00	Min 100%				
			10.00	Sur 100%				
	*SW1/4 SW1/4	3	40.00	Min 100%				
			1	Sur 100%		ĺ	1	

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County T23N R06W							
N-468					153			
	NE1/4 NE1/4	4	36.91	Min 100%				
				Sur 100%				
	NW1/4 NE1/4	4	36.08	Min 100%				
				Sur 100%				
	SE1/4 NE1/4	4	40.00	Min 100%				
				Sur 100%				
	SW1/4 NE1/4	4	40.00	Min 100%				
				Sur 100%				
N-469					120			
	*NE1/4 SE1/4	4	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SE1/4	4	40.00	Min 100%				
				Sur 100%				
	*SW1/4 SE1/4	4	40.00	Min 100%				
				Sur 100%				
470					81			
15	*SE1/4 SW1/4	7	40.00	Min 100%				
				Sur 0%				
15	*SW1/4 SW1/4	7	40.77	Min 100%				
				Sur 100%				
N-471					40			
	*NE1/4 SE1/4	12	40.00	Min 100%				
				Sur 0%				
472					40			
15	SE1/4 SE1/4	13	40.00	Min 100%				
				Sur 100%				
N-473					40			
	NE1/4 SE1/4	13	40.00	Min 100%				
				Sur 100%				
474					80			
15	*NW1/4 SE1/4	16	40.00	Min 100%				
				Sur 0%				
15	*SW1/4 SE1/4	16	40.00	Min 100%				
				Sur 0%				
475					80			
15	*NE1/4 SW1/4	16	40.00	Min 100%				
				Sur 0%				
15	*SE1/4 SW1/4	16	40.00	Min 100%				
				Sur 0%				
476					80			
	*SE1/4 NE1/4	17	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 NE1/4	17	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	I	I	l		l	l	1	I

Offering	Oil And Gas Lea	Sec-	Lease	•	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Missaukee County							
	T23N R07W							
477	*NE4/4 CE4/4		40.00	NA: 4000/	40			
15	*NE1/4 SE1/4	3	40.00	Min 100% Sur 100%				
478				Sui 100%	80			
<b>476</b> 15	*SE1/4 SW1/4	3	40.00	  Min 100%				
				Sur 100%				
15	*SW1/4 SW1/4	3	40.00	Min 100%				
				Sur 100%				
N-479	NIE / / NIE / /				141			
	*NE1/4 NE1/4 Subject to existing easements.	4	30.66	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	4	30.04	Min 100%				
	*SE1/4 NE1/4		40.00	Sur 100%				
	3E 1/4 INC 1/4	4	40.00	Min 100% Sur 0%				
	*SW1/4 NE1/4	4	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
480					99			
15	*NE1/4 NW1/4	4	29.41	Min 100%				
				Sur 100%				
15	*NW1/4 NW1/4	4	28.78	Min 100%				
				Sur 100%				
15	*SW1/4 NW1/4	4	40.00	Min 100%				
				Sur 100%				
N-481	*SE1/4 NW1/4	4	40.00	Min 100%	40			
	SE 1/4 144V 1/4	4	40.00	Sur 100%				
482				041 10070	80			
15	*NE1/4 SE1/4	4	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
15	*NW1/4 SE1/4	4	40.00	Min 100%				
				Sur 100%				
483					80			
15	*NE1/4 SW1/4	4	40.00	Min 100%				
45	*NIN/4 /4 CVN/4 /4		40.00	Sur 100%				
15	*NW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
484				Sui 100%	80			
<b>404</b> 15	*SE1/4 NE1/4	9	40.00	Min 100%				
-				Sur 100%				
15	*SW1/4 NE1/4	9	40.00	Min 100%				
				Sur 100%				
N-485					80			
	*NE1/4 NW1/4	9	40.00	Min 100%				
	*NIN/1/4 NIN/1/4		40.00	Sur 0%				
	*NW1/4 NW1/4	9	40.00	Min 100% Sur 0%				
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# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County T23N R07W							
<b>486</b> 15	*NE1/4 SW1/4	9	40.00	Min 100% Sur 0%	80			
15	*SE1/4 SW1/4	9	40.00	Min 100% Sur 100%				
N-487	*NW1/4 SW1/4	9	40.00	Min 100% Sur 100%	80			
	*SW1/4 SW1/4	9	40.00	Min 100% Sur 100%				
N-488	*NW1/4 NE1/4	10	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	10	40.00	Min 100% Sur 100%				
N-489	*NE1/4 NW1/4	10	40.00	Min 100% Sur 100%	160			
	*NW1/4 NW1/4	10	40.00	Min 100% Sur 100%				
	*SE1/4 NW1/4	10		Min 100% Sur 100%				
	*SW1/4 NW1/4	10	40.00	Min 100% Sur 100%				
N-490	*NW1/4 SE1/4	10	40.00	Min 100% Sur 100%				
<b>491</b> 15	*NW1/4 SW1/4	10	40.00	Min 100% Sur 100%	120			
15	*SE1/4 SW1/4	10		Min 100% Sur 100%				
15	*SW1/4 SW1/4	10	40.00	Min 100% Sur 100%				
N-492	*NE1/4 SW1/4	10	40.00	Min 100% Sur 100%				
<b>493</b> 15	*NE1/4 SE1/4	11	40.00	Min 100% Sur 100%	120			
15	*SE1/4 SE1/4	11	40.00	Min 100% Sur 100%				
15	*SW1/4 SE1/4	11	40.00	Min 100% Sur 100%				
N-494	*NW1/4 SE1/4	11	40.00	Min 100% Sur 100%				

Offering Number	Oil And Gas Le	Sec-	Lease		Bid	Bidder Number	Per Acre Bid	Total Bid
Number	Description	Lion	Acres	Equity	Acres	Number	) Diu	Diu
	Missaukee County							
405	T23N R07W				120			
<b>495</b> 15	*NE1/4 SE1/4	12	40.00	Min 100%				
		'-	10.00	Sur 100%				
15	*NW1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				
15	*SE1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				
N-496	*0\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		40.00		40			
	*SW1/4 SE1/4	12	40.00	Min 100%				
407				Sur 100%	120			
<b>497</b> 15	*NE1/4 SW1/4	12	40.00	Min 100%				
		'-	10.00	Sur 100%				
15	*NW1/4 SW1/4	12	40.00	Min 100%				
				Sur 100%				
15	*SW1/4 SW1/4	12	40.00	Min 100%				
				Sur 100%				
N-498					40			
	*SE1/4 SW1/4	12	40.00	Min 100%				
	Miss and as Ossertia			Sur 100%				
	Missaukee County T24N R07W							
N-499					160			
	*NE1/4 NE1/4	33	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NE1/4	33	40.00	Min 100%				
	*0E4/4 NE4/4			Sur 100%				
	*SE1/4 NE1/4	33	40.00	Min 100%				
	*SW1/4 NE1/4	33	40.00	Sur 100% Min 100%				
			40.00	Sur 100%				
500					80			
15	*NE1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
15	*SE1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
N-501	*NINA/4 /4 NINA/4 /4		40.55	NA: 4000:	80			
	*NW1/4 NW1/4	33	40.00	Min 100%				
	*SW1/4 NW1/4	33	40.00	Sur 100% Min 100%				
		33	40.00	Sur 100%				
N-502				34. 100/0	160			
502	*NE1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
	*SE1/4 SE1/4	33	40.00	Min 100%				
	İ		1	Sur 100%		1	Ī	Ī

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Missaukee County T24N R07W							
N-502	(Continued)							
14 302	*SW1/4 SE1/4	33	40.00	Min 100%				
				Sur 100%				
503					80			
15	*SE1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
15	*SW1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
N-504					80			
	*NE1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
N-505					80			
	*NE1/4 NE1/4	34	40.00	Min 100%				
	*NDA/4 /4 NIE 4 /4	0.4	40.00	Sur 100%				
	*NW1/4 NE1/4	34	40.00	Min 100%				
N. 500				Sur 100%	156			
N-506	*NE1/4 NW1/4	34	40.00	Min 100%				
	14E 1/7 1444 1/7	34	40.00	Sur 100%				
	*SE1/4 NW1/4	34	40.00	Min 100%				
			10.00	Sur 0%				
	*W1/2 of NW1/4 less 4 A. for road	34	76.00	Min 100%				
				Sur 100%				
N-507					40			
	*NW1/4 SW1/4	34	40.00	Min 100%	_			
				Sur 100%				

#### **Mineral Auction Catalog**

Offering	Oii And Gas Lease At		Lease	day Dece	Bid	Bidder	Per Acre	Total
Number	Description	tion		Equity	Acres	Number	Bid	Bid
	Montmorency County							
	T29N R01E							
N-508					2			
39	A part of NE1/4 SE1/4 desc as comm 434.30 ft W of NE cor NE1/4 SE1/4, th S 1,320 ft, th E 33 ft, th N 417.40 ft, th E 33 ft, th N 902.60 ft, th W 66 ft to beginning.	19	1.68	Min 100% Sur 100%				
	*Begin 1001 ft W of NE cor of Govt Lot 5, th W 19 ft, S to shore of lake, th E'ly along shore to a point South of point of beginning, th North to point of beginning	19	0.26	Min 100% Sur 0%				
	Montmorency County T29N R02E							
N-509	12014 1/02L				40			
	NE1/4 SW1/4	28	40.00	Min 100% Sur 100%				
	Montmorency County T30N R02E							
N-510					2			
	*Beg 300 feet W of NE corner of SE1/4 NE1/4 th W 360 feet th S to Haymeadow Creek th E along creek to a point S of POB th N to POB	11	1.50	Min 100% Sur 0%				
	Montmorency County							
	T30N R04E							
N-511	SW1/4 SE1/4	19	40.00	Min 100% Sur 100%				
N-512					40			
	NW1/4 NW1/4	29	40.00	Min 100% Sur 100%				
	Montmorency County T31N R01E							
N-513					160			
	NE1/4 NE1/4	35	40.00	Min 100% Sur 100%				
	NW1/4 NE1/4	35	40.00	Min 100% Sur 100%				
	SE1/4 NE1/4	35	40.00	Min 100% Sur 100%				
	*SW1/4 NE1/4	35	40.00	Min 100% Sur 100%				
N-514	NW1/4 SE1/4	35	40.00	Min 100% Sur 100%				

Offering	Oii And Gas Lease A	Sec-	Lease	•	Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity		Number	Bid	Bid
	Montmorency County						Ĭ	
	T31N R02E							
N-515	*SE1/4 SE1/4 exc that part lying West of REA Transmission Line and that part lying West of BCG&A RR grade which lies South and East of the REA line.	34	18.00	Min 100% Sur 100%				
	Montmorency County T31N R03E							
516					160			
	NE1/4 SW1/4 Subject to existing easements.	4	40.00	Min 100% Sur 100%				
15	NW1/4 SW1/4 Subject to existing easements.	4	40.00	Min 100% Sur 100%				
15	SE1/4 SW1/4 Subject to existing easements.	4	40.00	Min 100% Sur 100%				
15	SW1/4 SW1/4	4	40.00	Min 100% Sur 100%				
517					40			
15	NE1/4 SW1/4	5	40.00	Min 100% Sur 100%				
N-518			•		120			
	NW1/4 SW1/4	5	40.00	Min 100%				
	SE1/4 SW1/4	5	40.00	Sur 100%				
	Subject to existing easements.	5	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4	_	40.00					
	3W 1/4 3W 1/4	5	40.00	Min 100% Sur 100%				
519					80			
20	SE1/4 SE1/4	6	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
15	SW1/4 SE1/4	6	40.00	Min 100%				
				Sur 100%				
N-520	NEA/A DEA/A				80			
	NE1/4 SE1/4	6	40.00	Min 100%				
	NW1/4 SE1/4	6	40.00	Sur 100% Min 100%				
	WW 174 GE 174		40.00	Sur 100%				
521		1		22. 10070	80			
<b>52</b> ·	NE1/4 NE1/4	7	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	NW1/4 NE1/4	7	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-522		†			160			
<b></b>	*NE1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				
	NW1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				

# **Mineral Auction Catalog**

Offering	J.,a Gas 25a55 ;		Lease	,	Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres		Bid	Bid
	Waster and Occupie	<u> </u>					1	<u> </u>
	Montmorency County							
	T31N R03E							
N-522	(Continued)							
	*SE1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				
	*SW1/4 SE1/4	12	40.00	Min 100%				
				Sur 100%				
	Montmorency County							
	T32N R01E							
N-523					40			
11	SE1/4 SW1/4	8	40.00	Min 100%				
				Sur 0%	·			
524					80			
	NE1/4 NW1/4	17	40.00	Min 100%	5			
				Sur 0%	,			
	SE1/4 NW1/4	17	40.00	Min 100%				
				Sur 0%	,			
525					80			
	NE1/4 SW1/4	17	40.00	Min 100%				
				Sur 0%				
	SE1/4 SW1/4	17	40.00	Min 100%				
		''	1 40.00	Sur 0%				
				Jul 0%	P		1	

Offering	Oil Alla Gas Ecase A		Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity		Number	Bid	Bid
	Oceana County							
	T14N R16W							
526					40			
1	*NE1/4 NE1/4	11	40.00	Min 100%				
				Sur 0%				
527	***************************************				160			
1	*NE1/4 NW1/4	12	40.00	Min 100%				
1	*NW1/4 NW1/4	12	40.00	Sur 0% Min 100%				
	100	12	+0.00	Sur 0%				
1	*SE1/4 NW1/4	12	40.00	Min 100%				
				Sur 0%				
1	*SW1/4 NW1/4	12	40.00	Min 100%				
				Sur 0%				
	Oceana County							
	T15N R15W							
N-528					43			
	*NE1/4 NE1/4	5	42.23	Min 100%				
				Sur 0%				
N-529	*N1/2 of W1/2 of SE1/4 of SE1/4	_	10.00	Min 100%	10			
	N1/2 01 W 1/2 01 3E 1/4 01 3E 1/4	5	10.00	Sur 0%				
N-530				070	18			
14-550	*Beg. 456 ft N of SW cor of NW1/4 of SW1/4 th	5	2.00	Min 100%				
	E 330 ft N 264 ft W 330 ft S 264 ft to POB			Sur 0%				
	*Comm 40 rds N of SE cor of SE1/4 SW1/4, W	5	0.50	Min 100%				
	20 rds, S 4 rds, E 20 rds, N to pt of beg.			Sur 0%				
	*E 1/2 of W 1/2 of NW 1/4 of SW 1/4	5	10.00	Min 100%				
				Sur 0%				
	*S1/2 of E1/2 of E1/2 of NW1/4 of SW1/4	5	5.00	Min 100%				
				Sur 0%				
	Oceana County							
	T15N R16W							
N-531					40			
2	*SW1/4 NE1/4	35	40.00	Min 100%				
				Sur 0%				-
<b>532</b>	*NW1/4 SE1/4	35	40.00	Min 100%	80			
ı	I	33	40.00	Sur 0%				
1	*SW1/4 SE1/4	35	40.00	Min 100%				
				Sur 0%				
N-533					80			
2	*2.03 acres in the SE corner of SE1/4 being 18	35	2.03	Min 100%				
	rods square			Sur 0%				
2	*NE1/4 SE1/4	35	40.00	Min 100%				
				Sur 0%				
	1+054/4.054/4	۱ ۵ -	27.07	Min 100%			1	
2	*SE1/4 SE1/4 except 2.03 acres in SE corner being 18 rods square	35	31.91	100%				

Description			Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
Oceana County							
T15N R18W							
				61			
*S1/2 NW1/4 NE1/4	1	20.06	Min 100%				
			Sur 100%				
*SW1/4 NE1/4	1	40.00	Min 100%				
			Sur 100%				
				121			
*NE1/4 NW1/4	1	40.37					
*SE1/4 NW1/4	1	40.00					
			l				
*SW1/4 NW1/4	1	40.00					
			Sur 100%				
T16N R18W							
				80			
*NW1/4 SE1/4	36	40.00					
			l				
*SW1/4 SE1/4	36	40.00					
			Sur 100%	l			
*NE4/4 ON4/4							
^NE1/4 SW1/4 	36	40.00					
*NINA/4 /4 OVA/4 /4		40.00	l				
"NVV1/4	36	40.00					
*CE1/4 C\N1/4		40.00	l				
SE 1/4 SW 1/4 	36	40.00					
*SW1/4 SW1/4	26	40.00	l				
300 1/4 300 1/4	30	40.00					
	Oceana County T15N R18W  *S1/2 NW1/4 NE1/4	Oceana County T15N R18W           *S1/2 NW1/4 NE1/4         1           *SW1/4 NE1/4         1           *NE1/4 NW1/4         1           *SW1/4 NW1/4         1           *SW1/4 NW1/4         1           *SW1/4 NW1/4         1           *SW1/4 NW1/4         36           *NW1/4 SE1/4         36           *SW1/4 SW1/4         36           *NE1/4 SW1/4         36           *NW1/4 SW1/4         36           *SE1/4 SW1/4         36	Oceana County T15N R18W  *S1/2 NW1/4 NE1/4  1 20.06  *SW1/4 NE1/4  1 40.00  *NE1/4 NW1/4  1 40.00  *SE1/4 NW1/4  1 40.00  Oceana County T16N R18W  *NW1/4 SE1/4  36 40.00  *NE1/4 SW1/4  *NE1/4 SW1/4  36 40.00  *NW1/4 SW1/4  *NW1/4 SW1/4  36 40.00  *SE1/4 SW1/4  36 40.00	Description   Ition   Acres   Equity	Description   tion   Acres   Equity   Acres	Description   tion   Acres   Equity   Acres   Number	Description   Screen   Equity   Acres   Number   Bid

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Ogemaw County	Ì						
	T24N R01E							
N-538					160			
6	NE1/4 NW1/4	22	40.00	Min 100%				
				Sur 100%				
6	NW1/4 NW1/4	22	40.00	Min 100%				
				Sur 100%				
6	SE1/4 NW1/4	22	40.00	Min 100%				
				Sur 100%				
6	SW1/4 NW1/4	22	40.00	Min 100%				
				Sur 100%				
N-539					160			
6	*NE1/4 SW1/4	22	40.00	Min 100%				
_				Sur 100%				
6	NW1/4 SW1/4	22	40.00	Min 100%				
	054/4 000/4/4			Sur 100%				
6	SE1/4 SW1/4	22	40.00	Min 100%				
6	SW1/4 SW1/4	00	40.00	Sur 100%				
O	3W 1/4 3W 1/4	22	40.00	Min 100%				
N. 540				Sur 100%				
<b>N-540</b> 6	*NE1/4 NW1/4	23	40.00	Min 100%	120			
O	INC 1/4 INVV 1/4	23	40.00	Sur 100%				
6	*NW1/4 NW1/4	23	40.00	Min 100%				
Ü	Subject to existing easements.	23	+0.00	Sur 100%				
0	*SE1/4 NW1/4	00	40.00					
6	SE 1/4 NW 1/4	23	40.00	Min 100%				
N 544				Sur 100%	160		+	
<b>N-541</b> 6	*NE1/4 SW1/4	23	40.00	Min 100%				
O	NE 1/4 GW 1/4	23	40.00	Sur 100%				
6	*NW1/4 SW1/4	23	40.00	Min 100%				
			10.00	Sur 100%				
6	*SE1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
6	*SW1/4 SW1/4	23	40.00	Min 100%				
				Sur 100%				
N-542					80			
6	*NW1/4 NE1/4	26	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
6	*SW1/4 NE1/4	26	40.00	Min 100%				
				Sur 100%				
N-543					80			
6	*NW1/4 SE1/4	26	40.00	Min 100%				
				Sur 100%				
6	*SW1/4 SE1/4	26	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
N-544					160		1	
6	NE1/4 SW1/4	26	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
		I	I	l	l	I	I	I

Offering Number	Description	Sec- tion	Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Ogemaw County T24N R01E							
<b>N-544</b> 6	(Continued) NW1/4 SW1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
6	*SE1/4 SW1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
6	SW1/4 SW1/4 Subject to existing easements.	26	40.00	Min 100% Sur 100%				
<b>N-545</b>	NE1/4 NE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%	160			
6	NW1/4 NE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	SE1/4 NE1/4	27	40.00	Min 100%				
6	SW1/4 NE1/4	27	40.00	Sur 100% Min 100% Sur 100%				
N-546					160			
6	NE1/4 NW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	NW1/4 NW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	SE1/4 NW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	SW1/4 NW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
N-547					160			
6	*NE1/4 SE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	*NW1/4 SE1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	*SE1/4 SE1/4	27	40.00	Min 100% Sur 100%				
6	*SW1/4 SE1/4	27	40.00	Min 100% Sur 100%				
N-548					160			
6	NE1/4 SW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	NW1/4 SW1/4 Subject to existing easements.	27	40.00	Min 100% Sur 100%				
6	SE1/4 SW1/4	27	40.00	Min 100% Sur 100%				
6	SW1/4 SW1/4	27	40.00	Min 100% Sur 100%				

# **Mineral Auction Catalog**

Offering Number	Description Oil 7 that Gas Lease 7 to	Sec-	Lease		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Ogemaw County T24N R03E							
<b>549</b>	*SE1/4 NE1/4	1	40.00	Min 100% Sur 0%				
1	*SW1/4 NE1/4	1	40.00	Sur 0% Min 100% Sur 0%				
<b>550</b>	*SE1/4 NW1/4	1	40.00	Min 100% Sur 0%				
1	*SW1/4 NW1/4	1	40.00	Min 100% Sur 0%				
<b>551</b>	*NE1/4 NE1/4	2	48.48	Min 100% Sur 0%				
1	*NW1/4 NE1/4	2	47.77	Min 100% Sur 0%				
1	*SE1/4 NE1/4	2		Min 100% Sur 0%				
5 <b>52</b>	*SW1/4 NE1/4	2	40.00	Min 100% Sur 0%				
1	*NE1/4 NW1/4	2	47.06	Min 100% Sur 0%				
1	*NW1/4 NW1/4	2		Min 100% Sur 0%				
1	*SE1/4 NW1/4 *SW1/4 NW1/4	2		Min 100% Sur 0% Min 100% Sur 0%				
<b>553</b>	*NE1/4 SE1/4	2	40.00	Min 100%	160			
1	*NW1/4 SE1/4	2	40.00	Sur 0% Min 100% Sur 0%				
1	*SE1/4 SE1/4	2		Min 100% Sur 0%				
1	*SW1/4 SE1/4	2	40.00	Min 100% Sur 0%				
<b>554</b>	*NE1/4 SW1/4	2	40.00	Min 100% Sur 0%				
1	*NW1/4 SW1/4	2		Min 100% Sur 0%				
1	*SE1/4 SW1/4	2		Min 100% Sur 0%				
1	*SW1/4 SW1/4	2	40.00	Min 100% Sur 0%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Ogemaw County T24N R03E							
<b>555</b> 1	*NW1/4 NW1/4	5	42.50	Min 100% Sur 0%				
<b>N-556</b> 35	*NE1/4 NW1/4	5	42.80	Min 100% Sur 0%				
557	*Commencing at SE corner of SW1/4 of SE1/4, th North 16 rods, West 10 rods, South 16 rods, East 10 rods to beginning.	5	1.00	Min 100% Sur 0%				
<b>558</b> 1	*NW1/4 SW1/4	10	40.00	Min 100% Sur 0%				
1	*SW1/4 SW1/4	10	40.00	Min 100% Sur 0%				
<b>559</b>	*NE1/4 NE1/4	11	40.00	Min 100% Sur 0%				
1	*NW1/4 NE1/4	11	40.00	Min 100% Sur 0%				
1	*SE1/4 NE1/4	11	40.00	Min 100% Sur 0%				
1	*SW1/4 NE1/4	11	40.00	Min 100% Sur 0%				
<b>560</b>	*NE1/4 NW1/4	11	40.00	Min 100%				
1	*NW1/4 NW1/4	11	40.00	Sur 0% Min 100%				
1	*SE1/4 NW1/4	11	40.00	Sur 0% Min 100%				
1	*SW1/4 NW1/4	11	40.00	Sur 0% Min 100% Sur 0%				
<b>N-561</b>	*NE1/4 SE1/4	11	40.00	Min 100% Sur 0%				
2	*NW1/4 SE1/4	11	40.00	Min 100%				
2	*SE1/4 SE1/4	11	40.00	Sur 0% Min 100%				
2	*SW1/4 SE1/4	11	40.00	Sur 0% Min 100% Sur 0%				
<b>N-562</b>	*NE1/4 SW1/4	11	40.00	Min 100%	160			
2	*NW1/4 SW1/4	11	40.00	Min 100%				
2				Sur 0%				

Offering Number	Description		Lease Acres	Equity	Bid	Bidder Number	Per Acre Bid	Total Bid
	Ogemaw County							
	T24N R03E							
N-562	(Continued)							
2	*SE1/4 SW1/4	11	40.00	Min 100%				
2	*SW1/4 SW1/4	11	40.00	Sur 0% Min 100%				
2	3W1/4 3W1/4	''	40.00	Sur 0%				
563					120			
1	*NE1/4 NE1/4	12	40.00	Min 100%				
4	*CE4/4 NE4/4	40	40.00	Sur 0%				
1	*SE1/4 NE1/4	12	40.00	Min 100% Sur 0%				
1	*SW1/4 NE1/4	12	40.00	Min 100%				
				Sur 0%				
564					80			
1	*SE1/4 NW1/4	12	40.00	Min 100%				
1	*SW1/4 NW1/4	12	40.00	Sur 0% Min 100%				
,		12	40.00	Sur 0%				
565					120			
1	*NE1/4 SE1/4	12	40.00	Min 100%				
4	***************************************	40	40.00	Sur 0%				
1	*NW1/4 SE1/4	12	40.00	Min 100% Sur 0%				
1	*SW1/4 SE1/4	12	40.00	Min 100%				
				Sur 0%				
N-566					40			
2	*SE1/4 SE1/4	12	40.00	Min 100%				
567				Sur 0%	120			
<b>367</b> 1	*NE1/4 SW1/4	12	40.00	Min 100%				
				Sur 0%				
1	*NW1/4 SW1/4	12	40.00	Min 100%				
4	*SE1/4 SW1/4	40	40.00	Sur 0%				
1	OL 1/4 OVV 1/4	12	40.00	Min 100% Sur 0%				
N-568				22. 070	40			
2	*SW1/4 SW1/4	12	40.00	Min 100%				
				Sur 0%				
	Ogemaw County							
	T24N R04E				40			
<b>569</b>	*SW1/4 NW1/4	6	39 22	Min 100%	40			
·			00.22	Sur 0%				
N-570					40			
6	*SE1/4 NW1/4	6	40.00	Min 100%				
				Sur 0%				
<b>571</b>	*NE1/4 SW1/4	6	40.00	Min 100%	161			
ı	NE // OW //	"	40.00	Sur 0%				
	Attack Title Oxidia Borriad O	I	!	1 - 2 0 /0	l 	I	1	I

# **Mineral Auction Catalog**

Offering	Description	Sec-	Lease	Eit	Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	⊏quity	Acres	Number	Bid	Bid
	Ogemaw County							
	T24N R04E							
<b>571</b>	(Continued) *NW1/4 SW1/4	6	20.00	Min 100%				
1	1000 1/4 OW 1/4	6	39.99	Sur 0%				
1	*SE1/4 SW1/4	6	40.00	Min 100%				
				Sur 0%				
1	*SW1/4 SW1/4	6	40.66	Min 100%				
				Sur 0%				
572					120			
1	*NE1/4 NE1/4	7	40.00	Min 100%				
	***************************************	_		Sur 0%				
1	*NW1/4 NE1/4	7	40.00	Min 100%				
1	*SE1/4 NE1/4	7	40.00	Sur 0% Min 100%				
'	OL 1/4 INC 1/4	,	40.00	Sur 0%				
N-573				501 070	40			
2	*SW1/4 NE1/4	7	40.00	Min 100%				
				Sur 0%				
574					83			
1	*NW1/4 NW1/4	7	41.22	Min 100%				
				Sur 0%				
1	*SW1/4 NW1/4	7	41.67	Min 100%				
				Sur 0%				
N-575	*NIF4/4 NIM4/4	_	40.00		80			
2	*NE1/4 NW1/4	7	40.00	Min 100%				
2	*SE1/4 NW1/4	7	40.00	Sur 0% Min 100%				
2	SE II T T T T T T T T T T T T T T T T T T	,	+0.00	Sur 0%				
576				04. 070	40			
1	*SE1/4 SE1/4	7	40.00	Min 100%				
				Sur 0%				
N-577					120			
2	*NE1/4 SE1/4	7	40.00	Min 100%				
				Sur 0%				
2	*NW1/4 SE1/4	7	40.00	Min 100%				
2	*SW1/4 SE1/4	7	40.00	Sur 0%				
2	SW 1/4 3E 1/4	7	40.00	Min 100% Sur 0%				
578				Jui U%	85			
<b>376</b> 1	*NW1/4 SW1/4	7	42.12	Min 100%	00			
-		•		Sur 0%				
1	*SW1/4 SW1/4	7	42.57	Min 100%				
				Sur 0%			<u> </u>	
N-579					80			
2	*NE1/4 SW1/4	7	40.00	Min 100%				
				Sur 0%				
2	*SE1/4 SW1/4	7	40.00	Min 100%				
				Sur 0%				

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Osceola County							
	T17N R09W							
<b>580</b> 15	*N 330 ft of SE1/4 NW1/4	29	10.00	Min 100%				
15	*NW1/4 NW1/4 Subject to existing easements.	29	40.00	Sur 0% Min 100% Sur 0%				
15	*SE1/4 NW1/4 except the N 330 ft	29	30.00	Min 100% Sur 100%				
	Osceola County T18N R09W							
<b>581</b> 15	*NW1/4 NE1/4	28	40.00	Min 100% Sur 0%				
<b>582</b> 15	*NE1/4 NW1/4	28	40.00	Min 100% Sur 0%				
<b>583</b> 15	*NW1/4 NE1/4	32	40.00	Min 100% Sur 0%				
<b>584</b> 15	*SW1/4 SE1/4	32	40.00	Min 100% Sur 0%	40			
	Osceola County T20N R07W							
N-585	*NW1/4 SW1/4 ex rr r/w	8	39.00	Min 100% Sur 0%				
	*Part of NW1/4 SW1/4 lying S of Ann Arbor Railroad right-of-way	8	2.00	Min 100% Sur 0%				
	*SW1/4 SW1/4	8	40.00	Min 100% Sur 0%				
<b>586</b> 15	*Und 1/2 of SW1/4 SW1/4	9	40.00	Min 100% Sur 0%				
N-587	*NW1/4 SW1/4	9	40.00	Min 100% Sur 0%				
N-588	*NW1/4 NW1/4	16	40.00	Min 100% Sur 0%	40			

# **Mineral Auction Catalog**

N-589	Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
N-589 6 'NE1/4 SE1/4 6 'NW1/4 SE1/4 21 40.00 Min 100% Sur 0%	Oscoda County								
6 NE1/4 SE1/4 21 40.00 Min 100% Sur 0%	-								
Sur 0%   S									
6 *NW1/4 SE1/4	6	*NE1/4 SE1/4	21	40.00					
6 *SE1/4 SE1/4	6	*NW1/4 SF1/4	21	40.00	l				
6 'SW1/4 SE1/4	ŭ	1		40.00					
6 *SW1/4 SE1/4	6	*SE1/4 SE1/4	21	40.00	Min 100%				
N-590 6 *SE1/4 SW1/4 21 40.00 Min 100% Sur 0% 6 *SW1/4 SW1/4 21 40.00 Min 100% Sur 0% 8 Sur 0	_	1000000			l				
N-590 6 "SE1/4 SW1/4 6 "SW1/4 SW1/4 21 40.00 Min 100% Sur 0% 6 "SW1/4 SW1/4 21 40.00 Min 100% Sur 0% 80 W1 / 4	6	^SW1/4 SE1/4	21	40.00					
6 *SE1/4 SW1/4  6 *SW1/4 SW1/4  21 40.00 Min 100% Sur 0%  8ur	N-590				Sui 0%	<b>-</b>			
N-591   SW1/4 SW1/4   21   40.00   Min 100%   Sur 0%   Win 100%   Win 100		*SE1/4 SW1/4	21	40.00	Min 100%				
N-591 2 SW1/4 SW1/4 2 3 40.00 Min 100% Sur 0%  N-592 2 "NW1/4 SW1/4 2 5 40.00 Min 100% Sur 0%  2 "SW1/4 SW1/4 2 5 40.00 Min 100% Sur 0%  1 "NE1/4 NE1/4 2 7 40.00 Min 100% Sur 0%  1 "SE1/4 NE1/4 2 7 40.00 Min 100% Sur 0%  1 "SE1/4 SE1/4 2 7 40.00 Min 100% Sur 0%  1 "SE1/4 SE1/4 2 7 40.00 Min 100% Sur 0%  N-595 2 "SE1/4 NW1/4 2 8 40.00 Min 100% Sur 0%  N-596 2 "SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-596 3 "SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "NW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "NW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "NW1/4 SE1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "NE1/4 SW1/4 2 8 40.00 Min 100% Sur 0%  N-597 2 "NE1/4 SW1/4 2 8 40.00 Min 100% Sur 0% S					Sur 0%				
N-591   2   SW1/4 SW1/4   23   40.00   Min 100%   Sur 0%   Sur 0	6	*SW1/4 SW1/4	21	40.00					
N-592   N-592   N-W1/4 SW1/4   25   40.00   Min 100%   Sur 0%   N-592   N-W1/4 SW1/4   25   40.00   Min 100%   Sur 0%	N. 504				Sur 0%				
N-592 2 *NW1/4 SW1/4 2 *SW1/4 SW1/4 3 *SE1/4 NE1/4 4 *SE1/4 NE1/4 5 *SE1/4 SE1/4 5 *SE1/4 NW1/4		SW1/4 SW1/4	23	40.00	Min 100%	_			
2 *NW1/4 SW1/4	_			10.00					
2 *SW1/4 SW1/4	N-592					80			
2 *SW1/4 SW1/4	2	*NW1/4 SW1/4	25	40.00					
Sur 0%   S	2	*C/M4/4 C/M4/4	25	40.00					
The image is a second of the image is a seco	۷	300 1/4 300 1/4	25	40.00					
1 *NE1/4 NE1/4 27 40.00 Min 100% Sur 0% 594 1 *NE1/4 SE1/4 27 40.00 Min 100% Sur 0% 594 1 *NE1/4 SE1/4 27 40.00 Min 100% Sur 0% Sur 0%  1 *SE1/4 SE1/4 27 40.00 Min 100% Sur 0% Sur 0%  80 N-595 2 *SE1/4 NW1/4 28 40.00 Min 100% Sur 0% Sur 0%  1 *SW1/4 NW1/4 28 40.00 Min 100% Sur 0% Sur 0%  80 N-596 2 *SW1/4 NW1/4 28 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0%  1 *SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0%  1 *SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0% Sur 0%  1 *SW1/4 SE1/4 2 8 40.00 Min 100% Sur 0% Sur 0%  1 *SW1/4 SW1/4 2 8 40.00 Min 100% Sur 0% Sur 0%  1 *NE1/4 SW1/4 2 8 40.00 Min 100% Sur 0% Sur 0%  1 *NE1/4 SW1/4 2 8 40.00 Min 100% Sur 0% Sur 0% Sur 0%  1 *NE1/4 SW1/4 2 8 40.00 Min 100% Sur 0%	593				070				
1 *SE1/4 NE1/4		*NE1/4 NE1/4	27	40.00	Min 100%				
Sur 0%   80   1	_	105.//.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			l				
The image is a second color of the image is a second color o	1	^SE1/4 NE1/4	27	40.00					
1 *NE1/4 SE1/4	594				3ui 076				
1 *SE1/4 SE1/4	1	*NE1/4 SE1/4	27	40.00	Min 100%				
N-595 2 *SE1/4 NW1/4 6 28 40.00 Min 100% Sur 0% 2 *SW1/4 NW1/4 6 28 40.00 Min 100% Sur 0%  N-596 2 *NW1/4 SE1/4 28 40.00 Min 100% Sur 0% Sur 0%  *SW1/4 SE1/4 28 40.00 Min 100% Sur 0%  *SW1 0%  *SW1/4 SE1/4 28 40.00 Min 100% Sur 0%  N-597 2 *NE1/4 SW1/4 28 40.00 Min 100% Sur 0% Sur 0%  28 40.00 Min 100% Sur 0%					l				
N-595 2 *SE1/4 NW1/4 6 *SW1/4 NW1/4 2 *SW1/4 NW1/4 2 *SW1/4 NW1/4 2 *SW1/4 NW1/4 2 *NW1/4 SE1/4 2 *SW1/4 SW1/4 2 *SW1/4 SW1/4 2 *SW1/4 SW1/4 2 *NW1/4 SW1/4 2 *SW1/4 SW1/4 3 *SW1/4 SW1/4	1	*SE1/4 SE1/4	27	40.00					
2 *SE1/4 NW1/4	N_505				our 0%	1		-	
6 2 *SW1/4 NW1/4 28 40.00 Min 100% Sur 0%  N-596 2 *NW1/4 SE1/4 28 40.00 Min 100% Sur 0%  *SW1/4 SE1/4 28 40.00 Min 100% Sur 0%  *SW1/4 SE1/4 28 40.00 Min 100% Sur 0%  N-597 2 *NE1/4 SW1/4 28 40.00 Min 100% Sur 0%  2 *NW1/4 SW1/4 28 40.00 Min 100% Sur 0%  2 *NW1/4 SW1/4 28 40.00 Min 100%		*SE1/4 NW1/4	28	40.00	Min 100%				
6       Sur 0%         N-596       80         2       *NW1/4 SE1/4       28 40.00 Min 100% Sur 0%         *SW1/4 SE1/4       28 40.00 Min 100% Sur 0%         N-597       28 40.00 Min 100% Sur 0%         2       *NE1/4 SW1/4       28 40.00 Min 100% Sur 0%         2       *NW1/4 SW1/4       28 40.00 Min 100% Min 100%									
N-596 2 *NW1/4 SE1/4 28 40.00 Min 100% Sur 0%  *SW1/4 SE1/4 28 40.00 Min 100% Sur 0%  N-597 2 *NE1/4 SW1/4 28 40.00 Min 100% Sur 0%  28 40.00 Min 100% Sur 0%  28 40.00 Min 100% Sur 0%  28 40.00 Min 100% Sur 0%  29 40.00 Min 100% Sur 0%  20 *NW1/4 SW1/4 21 40.00 Min 100%		*SW1/4 NW1/4	28	40.00					
2 *NW1/4 SE1/4 28 40.00 Min 100% Sur 0%					Sur 0%			-	
6 *SW1/4 SE1/4  28 40.00 Min 100% Sur 0%  N-597 2 *NE1/4 SW1/4 28 40.00 Min 100% Sur 0%  28 40.00 Min 100% Sur 0%  28 40.00 Min 100% Sur 0% Sur 0% Sur 0% Sur 0% Sur 0% Sur 0%		*NW1/4 SE1/4	28	40.00	Min 100%				
*SW1/4 SE1/4  28 40.00 Min 100% Sur 0%  N-597  2 *NE1/4 SW1/4  28 40.00 Min 100% Sur 0% Sur 0%  2 *NW1/4 SW1/4  28 40.00 Min 100% Sur 0% Sur 0%  2 *NW1/4 SW1/4  28 40.00 Min 100%				.5.50					
N-597 2 *NE1/4 SW1/4 2 *NW1/4 SW1/4 2 *NW1/4 SW1/4 2 *NW1/4 SW1/4 2 *NW1/4 SW1/4 3 *ME1/4 SW1/4 3 *ME1/4 SW1/4 3 *ME1/4 SW1/4 3 *ME1/4 SW1/4 4 *ME1/4 SW1/4 5 *ME1/4 SW1/4		*SW1/4 SE1/4	28	40.00	Min 100%				
2 *NE1/4 SW1/4 28 40.00 Min 100% Sur 0% 2 *NW1/4 SW1/4 28 40.00 Min 100%					Sur 0%				
6   Sur 0%   28   40.00   Min 100%		*NF1/4 SW1/4	20	40.00	Min 1009/				
2 *NW1/4 SW1/4 28 40.00 Min 100%		NEW TOWN	20	40.00					
6		*NW1/4 SW1/4	28	40.00	l				
	6				Sur 0%				

Offering	Oii And Gas Lease A	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description	tion	Acres	Equity	Acres	Number	Bid	Bid
	Oscoda County							
	T25N R02E							
N-597	(Continued)							
35	*SW1/4 SW1/4	28	40.00	Min 100%				
				Sur 0%				
N-598	*NW1/4 NE1/4	00	40.00	Min 4000/	80			
2 6	NVV 1/4 INE 1/4	29	40.00	Min 100% Sur 0%				
2	*SW1/4 NE1/4	29	40.00	Min 100%				
6			10.00	Sur 0%				
N-599					160			
2	*NE1/4 NW1/4	36	40.00	Min 100%				
				Sur 0%				
2	*NW1/4 NW1/4	36	40.00	Min 100%				
				Sur 0%				
2	*SE1/4 NW1/4	36	40.00	Min 100%				
0	*C)A/4 /4 A B)A/4 /4		40.00	Sur 0%				
2	*SW1/4 NW1/4	36	40.00	Min 100%				
				Sur 0%	40			
<b>600</b> 1	*NE1/4 SE1/4	36	40.00	Min 100%				
'	NEW I SEW I		+0.00	Sur 0%				
N-601				04. 070	80			
2	*NW1/4 SE1/4	36	40.00	Min 100%				
				Sur 0%				
2	*SE1/4 SE1/4	36	40.00	Min 100%				
				Sur 0%				
N-602	#I OT 4				46			
2	*LOT 1	36	37.90	Min 100%				
	*NE1/4 SW1/4 SE'ly of c/l of County Road	36	9 00	Sur 0% Min 100%				
	INE 1/4 GW 1/4 GE ty of G/1 of Godfity Road	30	0.00	Sur 100%				
	Oscoda County			041 10070				
	T25N R03E							
603	125111155				160			
1	*NE1/4 SE1/4	35	40.00	Min 100%				
				Sur 0%				
1	*NW1/4 SE1/4	35	40.00	Min 100%				
				Sur 0%				
1	*SE1/4 SE1/4	35	40.00	Min 100%				
4	*\$\M4/4 \$\E4/4		40.00	Sur 0%				
1	*SW1/4 SE1/4	35	40.00	Min 100% Sur 0%				
604				Sui U%	160			
1	*NE1/4 SW1/4	35	40.00	Min 100%				
				Sur 0%				
1	*NW1/4 SW1/4	35	40.00	Min 100%				
				Sur 0%				
1	*SE1/4 SW1/4	35	40.00	Min 100%				
				Sur 0%				

# **Mineral Auction Catalog**

Offering	Oil Alid Gas Lease At	Sec-	Lease		Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres	Number	Bid	Bid
	Oscoda County							
	T25N R03E							
604	(Continued) *SW1/4 SW1/4	0.5	40.00	Mi- 4000/				
1	3W 1/4 3W 1/4	35	40.00	Min 100% Sur 0%				
	Oscoda County			070				
	T26N R01E							
605					40			
1	*SE1/4 SE1/4	3	40.00	Min 100%				
				Sur 0%				
606	*CVA/4 /4 CVA/4 /4		40.00		40			
1	*SW1/4 SW1/4	4	40.00	Min 100% Sur 0%				
N-607				Sui 076	146			
6	NE1/4 NW1/4	5	52.51	Min 100%				
	Subject to existing easements.			Sur 100%				
6	NW1/4 NW1/4	5	53.38	Min 100%				
				Sur 100%				
6	*SW1/4 NW1/4 Subject to existing easements.	5	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	Oscoda County T26N R02E							
N-608					40			
2	*NW1/4 NE1/4	16	40.00	Min 100%				
N. 000				Sur 0%				
<b>N-609</b>	NW1/4 NW1/4	16	40.00	Min 100%	40			
_		10	40.00	Sur 0%				
610					40			
1	*SW1/4 SW1/4	16	40.00	Min 100%				
				Sur 0%				
<b>N-611</b>	*SE1/4 SW1/4	40	40.00	Min 4000/	40			
۷	OL 1/4 OW 1/4	16	40.00	Min 100% Sur 0%				
612				34. 070	120			
1	*NE1/4 NE1/4	17	40.00	Min 100%				
				Sur 0%				
1	*NW1/4 NE1/4	17	40.00	Min 100%				
4	*\$\\/1/4 NE1/4	47	40.00	Sur 0%				
1	*SW1/4 NE1/4	17	40.00	Min 100% Sur 0%				
613				Jui 0%	40			
1	*NE1/4 NW1/4	17	40.00	Min 100%				
				Sur 0%				
614					40			
1	*SE1/4 SE1/4	17	40.00	Min 100%				
				Sur 0%				

Offering Number	Description	Sec-	Lease Acres		Bid	Bidder Number	Per Acre Bid	Total Bid
Number	<u> </u>	lion	Acres	Equity		Number	Did	Did
	Oscoda County T26N R02E							
N-615	120N RUZE				42			
2	*SW1/4 SE1/4	17	40.00	Min 100%	72			
				Sur 0%				
	*W 18 rds of E 45 rds of S 10 rds of NW1/4	17	1.12	Min 100%				
	SE1/4			Sur 0%				
616					80			
1	*NW1/4 NW1/4	21	40.00	Min 100%				
4	*CNN/4 /4 NNN/4 /4		40.00	Sur 0%				
1	*SW1/4 NW1/4	21	40.00	Min 100% Sur 0%				
617				3ui 076	120			
1	*NE1/4 SE1/4	22	40.00	Min 100%	120			
				Sur 0%				
1	*SE1/4 SE1/4	22	40.00	Min 100%				
				Sur 0%				
1	*SW1/4 SE1/4	22	40.00	Min 100%				
040				Sur 0%	400			
<b>618</b> 1	*NW1/4 SW1/4	22	40 00	Min 100%	120			
·			40.00	Sur 0%				
1	*SE1/4 SW1/4	22	40.00	Min 100%				
				Sur 0%				
1	*SW1/4 SW1/4	22	40.00	Min 100%				
				Sur 0%				
	Oscoda County T27N R01E							
N-619	12/N ROTE				160			
6	*NE1/4 NE1/4	31	40.00	Min 100%	100			
				Sur 100%				
6	*NW1/4 NE1/4	31	40.00	Min 100%				
				Sur 100%				
	*SE1/4 NE1/4	31	40.00	Min 100%				
6	*SW1/4 NE1/4	31	40.00	Sur 100% Min 100%				
U	J. W. H.E.W.	اد	70.00	Sur 100%				
N-620				223070	160			
<del>-</del>	*NE1/4 SE1/4	31	40.00	Min 100%				1
				Sur 100%				
	*NW1/4 SE1/4	31	40.00	Min 100%				
	*SE4/4 SE4/4	6.	40.00	Sur 100%				
	*SE1/4 SE1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				
		0.4	40.00					
	*SW1/4 SE1/4	31	40.00	Min 100%				
				Sur 100%	400			-
N_621					160			
N-621	*NE1/4 NE1/4	32	40.00	Min 100%	160			

# **Mineral Auction Catalog**

Offering	Oii And das Ecase At	Sec-	Lease	<u> </u>	Bid	Bidder	Per Acre	Total
Number	Description		Acres	Equity	Acres	Number	Bid	Bid
	Oscoda County							
	T27N R01E							
N-621	(Continued)							
	*NW1/4 NE1/4	32	40.00	Min 100%				
6	*SE1/4 NE1/4	32	40.00	Sur 100% Min 100%				
O	GE1/4 NE1/4	32	40.00	Sur 100%				
	*SW1/4 NE1/4	32	40.00	Min 100%				
				Sur 100%				
N-622					160			
6	*NE1/4 NW1/4	32	40.00	Min 100%				
				Sur 100%				
	*NW1/4 NW1/4	32	40.00	Min 100%				
	*OF4/4 NIM/4/4			Sur 100%				
	*SE1/4 NW1/4	32	40.00	Min 100%				
	*SW1/4 NW1/4	22	40.00	Sur 100%				
	3W1/4 NW1/4	32	40.00	Min 100% Sur 100%				
N-623				3ul 100 /6	160			
14-025	*NE1/4 SE1/4	32	40.00	Min 100%				
				Sur 100%				
	*NW1/4 SE1/4	32	40.00	Min 100%				
				Sur 100%				
6	*SE1/4 SE1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
6	*SW1/4 SE1/4	32	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
624					120			
	*NE1/4 NE1/4	33	40.00	Min 100%				
				Sur 0%				
	*NW1/4 NE1/4	33	40.00	Min 100%				
	*054/4 NE4/4		40.00	Sur 0%				
	*SE1/4 NE1/4	33	40.00	Min 100%				
625				Sur 0%	40			
<b>625</b> 49	*NE1/4 NW1/4	33	40.00	Min 100%	_			
10	1121711111771	33	+0.00	Sur 0%				
N-626				32. 070	80			
6	*NW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
6	*SW1/4 NW1/4	33	40.00	Min 100%				
				Sur 100%				
627					40			
49	*NW1/4 SW1/4	33	40.00	Min 100%				
				Sur 100%				
N-628	*NE4/4 CM/4/4		4		120			
6	*NE1/4 SW1/4	33	40.00	Min 100%				
	I			Sur 100%			1	

# **Mineral Auction Catalog**

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Oscoda County							
	T27N R01E							
N-628	(Continued)							
34	*SE1/4 SW1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
	*SW1/4 SW1/4	33	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
629					80			
49	*SE1/4 NE1/4	34	40.00	Min 100%				
				Sur 0%				
49	*SW1/4 NE1/4	34	40.00	Min 100%				
				Sur 0%				
630					80			
49	*NW1/4 NW1/4	34	40.00	Min 100%				
				Sur 0%				
49	*SW1/4 NW1/4	34	40.00	Min 100%				
				Sur 0%				

Offering Number	Description		Lease Acres	Equity	Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Otsego County T29N R02W							
<b>N-631</b>	NE1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%	160			
4	NW1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
4	SE1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
4	SW1/4 SE1/4 Subject to existing easements.	28	40.00	Min 100% Sur 100%				
<b>N-632</b> 4	NE1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%	160			
4	NW1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%				
4	SE1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%				
4	SW1/4 SE1/4 Subject to existing easements.	34	40.00	Min 100% Sur 100%				
	Otsego County T29N R04W							
N-633	NE1/4 NW1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%	150			
	NW1/4 NW1/4 Subject to existing easements.	7	34.79	Min 100% Sur 100%				
	SE1/4 NW1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
	SW1/4 NW1/4 Subject to existing easements.	7	34.78	Min 100% Sur 100%				
N-634	NE1/4 SW1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%	150			
	NW1/4 SW1/4 Subject to existing easements.	7	34.77	Min 100% Sur 100%				
	SE1/4 SW1/4 Subject to existing easements.	7	40.00	Min 100% Sur 100%				
	SW1/4 SW1/4 Subject to existing easements.	7	34.76	Min 100% Sur 100%				
<b>N-635</b> 39	Frl. NW1/4 NW1/4 Subject to existing easements.	31	32.08	Min 100% Sur 100%	146			
39	Frl. SW1/4 NW1/4 Subject to existing easements.	31	32.93	Min 100% Sur 100%				

#### **Mineral Auction Catalog**

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Otsego County							
	T29N R04W							
N-635	(Continued)							
39	NE1/4 NW1/4	31	40.00	Min 100%				
	Subject to existing easements.			Sur 100%				
39	SE1/4 NW1/4 Subject to existing easements.	31	40.00	Min 100% Sur 100%				

#### **Mineral Auction Catalog**

Offering Number	Description		Lease Acres		Bid Acres	Bidder Number	Per Acre Bid	Total Bid
	Saint Clair County T07N R16E							
<b>N-636</b> 39	SE1/4 NW1/4	28	40.00	Min 100% Sur 100%				

#### MDNR NONDISCRIMINATION STATEMENT

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HUMAN RESOURCES DEPARTMENT OF NATURAL RESOURCES PO BOX 30028 LANSING MI 48909-7528

Or →MICHIGAN DEPARTMENT OF CIVIL RIGHTS CADILLAC PLACE 3054 W. GRAND RIVER BLVD., SUITE 3-600 DETROIT, MI 48202 Or →OFFICE FOR DIVERSITY AND CIVIL RIGHTS
US FISH AND WILDLIFE SERVICE
4040 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203

For information or assistance on this publication, contact the DEPARTMENT OF NATURAL RESOURCES, FOREST, MINERAL AND FIRE MANAGEMENT, MINERAL AND LAND MANAGEMENT SECTION, P.O. BOX 30452, LANSING MI 48909-7952.

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Persons with disabilities needing accommodations for the meeting should contact the DNR at 517-373-7677. TTY/TTD: 711 (Michigan Relay Center)

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**INDEMNIFICATION.** Grantee hereby covenants and agrees to indemnify and save harmless, the State of Michigan, its departments, officers, employees and agents, from any and all claims and demands, for all loss, injury, death or damage, that any person or entity may have or make, in any manner, arising out of any occurrence related to (1) issuance of this permit; (2) the activities authorized by this permit; and (3) the use or occupancy of the premises which are the subject of this permit by the Grantee, its employees, contractors, or its authorized representatives.